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REVIEW OF IRON ORE STATISTICS

Iron ore statistics - 1982-1991

Prepared by the UNCTAD secretariat

GE.92 - 51635

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INTRODUCTION

1. This document is issued under the UNCTAD statistical programme on minerals and metal statistics. It contains information, updated to the extent possible, covering the period 1982-1991. It has 27 tables and the same format as in the previous version. It also includes definitions and footnotes with a view to facilitating the reading and understanding of the statistics.

2. Improvements to this document take into account the suggestions made by, and the discussions held on, statistical issues during past sessions of the Intergovernmental Group of Experts on Iron Ore.

3. The present compilation of iron ore statistics is primarily based on the replies to the UNCTAD questionnaire on iron ore. The questionnaire was sent to all member States of UNCTAD and to the Commission of the European Communities on 28 January 1992. As of 15 July 1992, some 37 countries in addition to the Commission had responded to the questionnaire. Their replies are summarized in the annex.

4. Data for countries which have not responded to the questionnaire were compiled on the basis of statistics available in the UNCTAD data bank, which collates data on production and trade of several commodities, and/or information directly supplied by Governments in the form of magnetic tapes or national statistical publications to the United Nations Statistical Office. Relevant publications of other international organizations have been used to supplement these data.

5. As far as possible, an attempt was made to tabulate comparable statistics taking into account uniform criteria and commonly agreed definitions. Nevertheless, there is scope for further improvements in this area. The regular and widespread use of the UNCTAD questionnaire has proved very useful and remains an important tool to this end.

6. Although complete geographical coverage of its statitics is a major aim of the secretariat, some tables in this document present original data based exclusively on replies to the questionnaire, and hence lacking complete geographical coverage. It should be acknowledged, however, that a great number of countries did provide additional data.

EXPLANATORY NOTES

1. The following symbols are applicable to all tables:

   (a) The symbol "#" indicates that the data concerned have been supplied by Governments in response to the questionnaire.

   (b) The symbol "-" indicates that the amount is nil or negligible.

   (c) The symbol ".." indicates that information is not available.

   (d) The letter "E" indicates that data have been estimated by the UNCTAD secretariat in the absence of data supplied by Governments and when data are not available from official national publications.

   (e) The term "tonnes" refers to metric tons.

   (f) The term "dollars" refers to United States dollars.

2. German reunification on 3 October 1990 increased the territory within the European Economic Community rendering statistical comparison with previous years difficult. In this report, statistics for Germany for 1991 represents the enlarged territory. As a result of this new situation, the interpretation of 1991 figures should take in account that: ***totals for developed market-economy countries, as well as for the EEC are higher;*** in contrast, ***totals for the countries in Eastern Europe are lower*** since figures for the former German Democratic Republic are excluded.

3. In order to facilitating statistical analysis, this report shows the 1991 figures for the former USSR; however, since 26 December 1991 the name Russian Federation in place of the name Union of Soviet Socialist Republics is to be used in the United Nations. While the Unctad secretariat received some statistics from the Russia Federation, Ukraine and Latvia, these data are presented for information only and do not figure in the totals.

4. The Intergovernmental Group of Experts on Iron Ore noted the implementation in a large number of countries of the nomenclature of the *Harmonized Commodity Description and Coding System*. There is a close correlation between this system and the *Standard International Trade Classification* (SITC) of the United Nations. The table below gives the concordance between the five statistical international trade codes presently in use: *Standard International Trade Classification* (SITC, Rev.1), *Revised Standard International Trade Classification* (SITC Rev.2 and Rev.3), *Customs Co-operation Council Nomenclature* (CCCN), and *Harmonized Commodity Coding System* (HS).

Item	SITC Rev.1	SITC Rev.2	SITC Rev.3	CCCN	HS
Iron ore and concentrates					
Non-agglomerated	2813	2815	2815	2601B	260111
Agglomerated (sinter, pellets, briquettes)	2813	2816	2816	2601C	260112
Pig iron in pigs, blocks or other primary forms	6712	6712	6712	7301	720110
Sponge iron or ferrous products obtained by direct reduction of iron ore (DRI)	67133	67133	67133	7305B	720310
Ferrous scrap, or waste of cast iron (purchased scrap)	2820	28201	2821	7303A	720410

DEFINITIONS

Weight	***Natural***: natural state of extraction, normally wet.
Year	Statistics are presented for the ***calendar year*** from 1 January to 31 December.
Production	Ores, concentrates, non-agglomerates and agglomerates ***Marketable*** products only.
Trade	Quantities of iron ore traded by type of product in terms of ***natural weight*** and ***Fe content***. Value for ***exports***: ***f.o.b.*** basis. Value for ***imports***: ***c.i.f.*** basis.
Run of mine	***Marketable*** unprepared iron ore with more than 20% fines.
Lumps	Unbeneficiated ***marketable*** ore typically between 10 and 30mm. Usually less than 20% fines.
Fines	Small particles of ***marketable*** ore normally requiring agglomeration (sintering or pelletizing). Usually below 10mm.
Concentrates	***Marketable*** ore treated in concentration plant to retain valuable constituants and discard those of no commercial interest.
Pellet-feed	Iron ore fines for pelletizing. Usually very fine, below 0.1mm.
Pellets	Iron ore fines agglomerated into a rough ball shape typically 10mm in diameter.
Sinter	Agglomeration of natural ore fines, ore concentrates, flue dust and other bearing materials.
Ferrous scrap	Scrap high in Fe content used by the iron ore and steel industry.
Pig iron	Primary iron produced from iron ore in blast furnaces.
Sponge iron ore or DRI	Primary iron produced through direct reduction without exceeding the melting temperature.
Crude steel	Measured at the first stage of solidification, except for liquid steel for casting.

COMPLEMENTARY SOURCES

Statistical Yearbook, and World Steel in figures,
International Iron and Steel Institute, Brussels.

Monthly Bulletin of Statistics,
United Nations, New York.

Monthly Report of the Iron and Steel Statistics,
Japan Iron and Steel Federation, Tokyo.

Siderurgia Latino-Americana,
Instituto Latino-Americano del Fierro y Acero, Santiago.

Direct from Midrex,
Midrex Corporation, North Carolina, United States.

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The UNCTAD secretariat, in the context of its programme evaluation activities and in response to intergovernmental requests, is seeking the opinions of end-users in order to have basic data for assessing the quality, usefulness and effectiveness of *inter alia* its research reports and publications. As the success of such an exercise is critically dependent on an adequate rate of response we should appreciate it if you would take time to answer the questions below and submit any other comments that you may have concerning the current document.

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	Outstanding	*Excellent*	*Good*	*Adequate*	*Poor*
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Originality of ideas	( )	( )	( )	( )	( )
Wealth of information	( )	( )	( )	( )	( )
Up-to-date information	( )	( )	( )	( )	( )
Technical accuracy	( )	( )	( )	( )	( )
Quality of analysis, including objectivity	( )	( )	( )	( )	( )
Validity of conclusions	( )	( )	( )	( )	( )
Clarity of recommendations	( )	( )	( )	( )	( )
Comprehensiveness of coverage	( )	( )	( )	( )	( )

6. **Other observations** *(if any)* . . . . . .

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Finally, we would appreciate it if you could provide the following information about yourself:

Name . . . . . .Occupation/Functional title . . . . . .

Address . . . . . .

Your answers are for internal use and will be kept confidential. Thank you for your co-operation.

Please forward the questionnaire to : PROGRAMME CO-ORDINATION AND EVALUATION UNIT
EXECUTIVE DIRECTION AND MANAGEMENT
UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT
PALAIS DES NATIONS – CH-1211 GENEVA 10

1. IRON ORE: Production[1]

(thousand tonnes, natural weight[2])

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**817531**	**777972**	**874910**	**910365**	**914707**	**931714**	**960428**	**987316**	**976534**	**945355**
DEVELOPED MARKET ECONOMY COUNTRIES	**242177**	**210798**	**260479**	**266437**	**246690**	**253938**	**262286**	**279207**	**271977**	**276732**
AMERICA	**72672**	**71886**	**92030**	**89328**	**76125**	**84164**	**97924**	**100174**	**92015**	**91476**
Canada	35592#	33326#	39930#	39798#	36679#	36520#	40409#	41142#	35607#	35961#
United States	37080	38560	52100	49530	39446	47644	57515	59032#	56408#	55515#
EUROPE	**53915**	**48324**	**52293**	**51865**	**48866**	**43143**	**40401#**	**40614**	**36165**	**35239**
EEC	*30297*	*26850*	*25833*	*24025*	*20970*	*16598*	*14453#*	*14083*	*11907*	*11582*
Belgium-Luxembourg	40	40	-	-	-	-	-	-	-	-
France	19670	16180	15030	14480	12560	11566	9872#	9319#	8720#	7492#
Germany	1308	980	980	1030	717	247	70#	102#	84#	118#
Greece	500	1300	1452	1712	1300E	..	..	..	..	..
Italy	10	-	-	-	-	-	-	-	-	-
Portugal	40	30	30	70	50	30	25	20	20E	-
Spain	8261#	7940#	7961#	6463#	6054#	4492#	4262#	4610#	3030#	3915#
United Kingdom	468	380	380	270	289	263	224#	32#	53#	57#
EFTA	*23618*	*21474*	*26460*	*27840*	*27896*	*26545*	*25948*	*26531*	*24258*	*23657*
Austria	3330	3540	3600	3300	3120#	3050#	2300#	2410#	2300#	2120#
Finland	880	860	900	800	643#	648	557#	-	-	-
Norway	3270	3540	3840	3470	3660	3140	2644#	2358#	2081#	2209#
Sweden	16138	13534	18120	20270	20473#	19707	20447	21763#	19877#	19328#
SOUTH AFRICA	**24554**	**16605**	**24496**	**24939**	**24483**	**22008#**	**25247#**	**29958#**	**30291#**	**28952**
ASIA	**362**	**298**	**324**	**338**	**291#**	**295**	**278**	**251**	**208**	**200E**
Japan	362	298	324	338	291#	295	278	251	208	200E
OCEANIA	**90674**	**73685**	**91336**	**99967**	**96925**	**104328**	**98436**	**108210**	**113298**	**120865**
Australia[3]	87694#	71485#	89046#	97447#	94015#	101748#	96084#	105810#	112000#	118600#
New Zealand	2980	2200	2290	2520	2910	2580	2352#	2400E	1298#	2265
DEVELOPING COUNTRIES AND TERRITORIES	**210890**	**197936#**	**231413**	**251756**	**263008**	**268914**	**281757**	**290309**	**286334**	**281891**
AFRICA	**33712**	**29714**	**32583**	**32543**	**32150**	**30827**	**29982**	**31349**	**22568**	**18508**
Algeria	3892	3684	3664	3380	3360#	3575#	3400E	2748#	2930#	3000E
Egypt	2200	2060	1889	2120	1999	2112#	2400#	2400E	2420#	2371#
Liberia	18000	15410	16100	16120	15600	13806#	12808#	12300	3981	1200
Mauritania	8210#	6600	9000#	9203#	9262#	9120#	9782#	12114#	11416#	10194#
Morocco	230	300	200	140	200	204	117#	126#	50#	54#
Sierra Leone	10	360	420	70	-	-	-	-	-	-
Tunisia	270	300	310	310	310	290	226#	190#	191#	191#
Zimbabwe	900E	1000E	1000E	1200E	1419#	1720#	1249#	1471#	1580#	1498#
AMERICA	**125222**	**120820**	**146460**	**163254**	**165596**	**171788**	**185548**	**192671**	**193407**	**192209**
Argentina	600	1000	700	900	710	800	1162#	677#	1000	600
Bolivia[3]	-	-	-	-	-	-	15#	14#	125#	102#
Brazil[4]	93100	92100	112100	128200	129054	134105#	146000#	153743#	152303#	150657#
Chile	5760	5170	5590	5840	6326#	6131#	7295#	8112#	7811#	8691#
Colombia	470#	456#	441#	455#	523#	615	615#	600	628#	607#
Mexico	7660	8420	10543	8103	7581	7374	7830#	7538#	8114#	8000E
Peru[3]	5931	4225	4031	4992	5195#	5567#	4158#	3935	3307#	3593#
Venezuela	11701	9449	13055	14764	16207#	17196	18473#	18052#	20119#	19959#
ASIA	**46851**	**42384**	**47055**	**50481**	**58644**	**60316**	**60684**	**61852**	**66227**	**68774**
India	42752#	38089#	42310#	44090#	51169#	51335#	49961#	51434#	53702#	56915
Iran,Islamic Rep.of	-	-	-	1000E	2000E	3000E	4300	5630	5500E	6184#
Malaysia	400	100	160	182	208	161	209#	193#	348	350E
Republic of Korea	553	591	554	542	525	510	672	344#	370#	290#
Syrian Arab Republic	..	..	..	..	..	..	..	..	20#	20E
Thailand	30	70	70	94	37#	97	99	160	132	130E
Turkey	3083#	3501#	3958#	4573#	4705#	5213#	5443#	4091#	6155#	4885#
Other Asia	33	33	3	-	-	-	-	-	-	-
EUROPE	**5105**	**5018**	**5315**	**5478**	**6618**	**5983**	**5543**	**4438**	**4132**	**2400**
Yugoslavia	5105	5018#	5315	5478	6618	5983	5543#	4438#	4132#	2400E

1. IRON ORE: Production[1]
(concluded)

(thousand tonnes, natural weight[2])

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
COUNTRIES IN EASTERN EUROPE	**250274**	**250958**	**253188**	**253932**	**256379**	**256842**	**253605**	**246700**	**239373**	**201942**
Bulgaria	1552	1803	2063	1985	2179	1857	1826	1613	1079#	858#
Czechoslovakia	1861	1903	1869	1824	1784	1798	1773	1780#	1710	1740
Germany (former German Dem. Rep.)	41	40	36	-	-	-	-	- #	-	-
Hungary	214	215	193	184	-	-	-	-	-	-
Poland	49	10	11	12	9	6	6	7	6E	5E
Romania	2146	1987	1916	2287	2431	2281	2000#	2000#	578#	477
USSR (former)	244411	245000	247100	247640	249976	250900	248000#	241300#	236000#	198862#
of which:										
Ukraine	..	..	..	..	..	..	..	..	105866#	86813#
SOCIALIST COUNTRIES OF ASIA	**114190**	**118280**	**129830**	**138240**	**148630**	**152020**	**162780**	**171100**	**178850**	**184790**
China	106190	110280	121830	130240	140630	144020	154780	162100	169350	175290
Democratic People's Rep. of Korea	8000	8000	8000	8000	8000	8000	8000	9000E	9500E	9500E

1 Production includes ores, concentrates and iron ore agglomerated. Marketable products only.

2 Natural weight: natural state of extraction, normally wet.

3 Dry weight.

4 Pellets not included.

2. IRON ORE: Production

(thousand tonnes, Fe content)[1]

Region country or area	% Fe	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD		**450091**	**425938**	**483895**	**500728**	**502662**	**518612**	**550149**	**567223**	**557415**	**537745**
DEVELOPED MARKET ECONOMY COUNTRIES		**142402**	**124423**	**155394**	**159570**	**149631**	**154652**	**161136**	**172984**	**168363**	**171574**
AMERICA		**44884**	**44325**	**56564**	**54934**	**46995**	**51926**	**60375**	**63330**	**58229**	**57848**
Canada	63.3	22636#	21189#	25304#	25216#	23229#	23340#	25866#	26022#	22579#	22763#
United States	63.2	22248	23136	31260	29718	23766	28586	34509	37308#	35650#	35085
EUROPE		**24144**	**21786**	**24577**	**24801**	**24878**	**22044**	**21354**	**21019**	**19059**	**18835**
EEC		*10356*	*9386*	*9101*	*8596*	*7815*	*5816*	*5152*	*5124*	*4057*	*4067*
Belgium-Luxembourg	-	10	10	-	-	-	-	-	-	-	-
France	30.1	5901	4854	4509	4529	4198	3566	3119#	2945#	2650#	2255#
Germany	14.4	392	294	294	309	212	68	10#	14#	12#	17#
Greece		215	559	624	736	559	..	..	..	..	..
Italy	-	3	-	-	-	-	-	-	-	-	-
Portugal	-	23	17	17	36	26	15	13#	10	10	10
Spain	45.3	3690#	3553#	3558#	2926#	2761#	2109#	1961#	2148#	1373#	1773#
United Kingdom	21.1	122	99	99	60	59	58	49#	7#	12#	12#
EFTA		*13788*	*12400*	*15476*	*16205*	*17063*	*16228*	*16202*	*15895*	*15002*	*14768*
Austria	32.6	1066	1132	1152	1056	1006	976#	744#	781#	749#	691
Finland	-	590	576	594	528	432#	402	373#	-	-	-
Norway	65.0	2125	2301	2496	2256	2379	2041	1692#	990#	1352#	1436#
Sweden	64.9	10007	8391	11234	12365	13246#	12809	13393#	14124#	12901#	12641#
SOUTH AFRICA	**65.0**	**15960**	**10793**	**15922**	**16210**	**15914**	**14297**	**16461#**	**19461#**	**19689**	**18819**
ASIA		**209**	**174**	**186**	**197**	**162**	**168**	**158**	**136**	**112**	**108**
Japan	54.0	209	174	186	197	162	168	158	136	112	108
OCEANIA		**57205**	**47345**	**58145**	**63428**	**61682**	**66217**	**62788**	**69038**	**71274#**	**75964**
Australia	62.0	55566#	46135#	56885#	62042#	60082#	64798#	61494#	67718#	70560#	74718#
New Zealand	55.0	1639	1210	1260	1386	1600	1419	1294	1320	714#	1246
DEVELOPING COUNTRIES AND TERRITORIES		**130636**	**122428**	**144164**	**153531**	**161793**	**169876**	**180232**	**186782**	**182221**	**179719**
AFRICA		**19869**	**17524**	**19592**	**19514**	**19272**	**19250**	**18695**	**19347**	**13534**	**11252**
Algeria	52.0	1946	1842	1869	1705	1679	1691	1598	1429#	1524#	1560
Egypt	53.2	750E	750E	850E	950	950	1120#	1250#	1250	1287#	1261#
Liberia	67.0	10980	9400	9821	9833	9516	9250	8581	8241	2667	335
Mauritania	61.4	5336#	4369#	5850#	5982#	6020#	5928#	6358#	7401#	7009#	6626#
Morocco	60.0	135	176	116	81	116	116	71#	75#	30#	32#
Sierra Leone	-	6	192	224E	37	-	-	-	-	-	-
Tunisia	50.0	140	155	158	158	158	131	113	95	96	96
Zimbabwe	58.3	576E	640E	704	768	833#	1014	724#	856#	921#	873#
AMERICA		**79865**	**77075**	**93485**	**100748**	**103744#**	**111036**	**122300**	**126992**	**125289**	**124375**
Argentina	64.5	324	540	378	486	383	432	748#	437#	645	387
Bolivia	60.0	-	-	-	-	-	-	9	8	75#	61
Brazil	65.0	59584	58944	71744	78323#	80771	87168#	97090#	102241#	98997#	97927#
Chile	64.1	3571	3205	3466	3683	4145#	4017	4778#	5267#	5111#	5572#
Colombia	45.3	212#	205#	198#	205#	235#	399#	277#	270	283#	275#
Mexico	55.0	4749	5220	6510	5161	4960	5200	5167#	5013#	5436#	5360
Peru	66.2	3936	2814	2698	3329	3364#	3674	2684#	2538	2182#	2379#
Venezuela	62.2	7489	6147	8491	9561	9886#	10146	11547#	11218#	12560#	12414#
ASIA		**29115**	**26073**	**29386**	**31516**	**36659**	**37676**	**37463**	**38412**	**41498**	**42988**
India	63.0	26887#	23693#	26750#	27918#	32392#	32550#	31720#	32484#	34369#	35856
Iran,Islamic Republic of	61.6	-	-	-	550	1100	1650	2365	3096	3025	3811
Malaysia	60.0	224	56	90	90	118	112	121#	116#	204	210
Republic of Korea	60.0	308	364	308	302	297	286	370	193#	199#	174#
Syrian Arab Republic	32.0	..	..	..	..	..	..	..	..	3#	3
Thailand	60.0	18	42	37	56	22	58	59	96	79	78
Turkey	59.0	1660#	1900#	2200#	2600#	2730#	3020#	2828#	2427#	3619#	2856#
Other Asia		18	18	1	-	-	-	-	-	-	-
EUROPE		**1787**	**1756**	**1701**	**1753**	**2118**	**1914**	**1774**	**2041**	**1900**	**1104**
Yugoslavia	46.0	1787	1756	1701	1753	2118	1914	1774	2041#	1900	1104

2. IRON ORE: Production
(concluded)

(thousand tonnes, Fe content)[1]

Region country or area	% Fe	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
COUNTRIES OF EASTERN EUROPE		**135887**	**136489**	**137696**	**138043**	**138017**	**139677**	**150608**	**146212**	**142703**	**120348**
Bulgaria	34.6	512	595	681	655	719	613	603	533	321	297
Czechoslovakia	27.0	633	647	636	620	607	611	603	477#	462	470
Germany (former (German Dem. Rep.)	-	13	13	12	-	-	-	-	-	-	-
Hungary	-	83	84	75	72	-	-	-	-	-	-
Poland	-	17	3	4	4	3	2	2	2	2	2
Romania	55.0	429	397	383	457	486	456	600#	600#	318	262
USSR (former)	60.0	134200	134750	135905	136235	136202	137995	148800#	144600#	141600#	119317
of which: Ukraine	58.0	..	..	..	..	..	..	..	..	65631#	50406#
SOCIALIST COUNTRIES OF ASIA		**41166**	**42598**	**46041**	**49584**	**53221**	**54407**	**58173**	**61235**	**64128**	**66104**
China	35.0	37166	38598	42641	45584	49221	50407	54173	56735	59378	61354
Democratic People's Republic of Korea	35.0	4000	4000	4000	4000	4000	4000	4000	4500	4750	4750

[1] Fe content: 1 % Fe unit by weight per metric ton of marketable ore .

3. IRON ORE: Production by products, 1991

(thousand tonnes, natural weight)

Country or area	Non-agglomerated						Agglomerated	
	Run of mine[1]	Lumps[2]	Fines[3]	Concentrates[4]	Pellet-feed[5]	Others	Pellets[6]	Sinter[7]
Australia		41,700	74,100	-	-	-	2,600	-
Brazil		26,187	90,797	46,854	33,673	-	24,392	23,903
Chile	-	1,249	2,099	-	1,189	-	4,154	-
Colombia	355	255	-	-	-	-	-	-
Egypt	-	1,233	1,138	-	-	-	-	-
France	7,492	-	-	-	-	-	-	-
Germany	118	-	-	-	-	-	-	-
India	-	22,980	27,742	6,193	-	-	-	-
Iran, Islamic Rep.of	3,160	1,013	1,911	-	100	-	-	-
Mauritania	2,868	2,928	2,595	1,803	-	-	-	-
Morocco	-	-	-	54	-	-	-	-
Norway	-	-	-	2,209	-	-	1211	-
Peru	-	-	195	1,479	559	-	1,360	-
Republic of Korea	220	-	70	-	-	-	-	-
Spain	-	38	3,620	159	52	-	-	-
Sweden	-	1,061	8,389	93	-	-	9,785	-
Turkey	2,837	465	-	583	-	-	1,000	-
United Kingdom	57	-	-	-	-	-	-	-
Venezuela	-	3,398	16,561	-	-	-	-	-
Zimbabwe	925	-	573	-	-	-	-	

1 Marketable unprepared iron ore with more than 20 per cent fines.

2 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines.

3 Marketable fine ore, usually below 10mm (or similar size).

4 Marketable product from a concentrate plant.

5 Fine ore or concentrate very fine, usually below 0.1mm.

6 Iron ore fines agglomerated into a rough ball shape typically 10mm.

7 Agglomerated fines or concentrates and other iron-bearing materials.

4. PELLETS[1]: Production

(thousand tonnes)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**156381**	**162948**	**196985**	**204313**	**196474**	**211500**	**230244**	**235884**	**225149**	**210945**
DEVELOPED MARKET ECONOMY COUNTRIES	**63928**	**68038**	**91042**	**93279**	**82042**	**90817**	**103772**	**107520**	**99578**	**95857**
AMERICA	**49930**	**53355**	**71151**	**71644**	**61656**	**70031**	**82248**	**84398**	**77331**	**74655**
Canada	16367#	16451#	20264#	23920#	23861#	24120#	26291#	27113#	22515#	20000
United States	33563#	36904#	50887#	47724#	37795#	45911#	55957#	57285#	54816#	54655#
EUROPE	**7555**	**8587**	**13290**	**14896**	**14542**	**14852**	**15015**	**16494**	**15869**	**15009**
EEC	*700*	*700*	*4304*	*4213*	*4000*	*4200*	*4506*	*4588*	*4507*	*4013*
Belgium-Luxembourg	700E	700	604	613	500	500	710#	588#	663#	473#
Netherlands	..	..	3700	3600	3500	3700	3796#	4000#	3844#	3540#
EFTA	*6855*	*7887*	*8986*	*10683*	*10542#*	*10652*	*10509*	*11906*	*11362*	*10996*
Finland	333	332	338	140	-	-	-	480#	-	-
Norway	2800E	2600	2100	1800	1700	1500	1400#	1400	1397	1211
Sweden	3922	4955	6548	8743	8842#	9152	9109#	10026#	9965#	9785#
ASIA	**3123**	**3053**	**3112**	**3014**	**2506**	**2625**	**3109**	**3128**	**3378**	**3393**
Japan	3123	3053	3112	3014	2506	2625	3109#	3128#	3378#	3393#
OCEANIA	**3321#**	**3043#**	**3489**	**3725**	**3338**	**3309**	**3400**	**3500**	**3000**	**2800**
Australia	3321#	3043#	3489#	3725#	3338#	3309#	3400E	3500E	3000E	2800#
DEVELOPING COUNTRIES AND TERRITORIES	**34512**	**32677**	**40331**	**42414**	**44082**	**47333**	**53637**	**54614**	**52290**	**49144**
AFRICA	**3500**	**3500**	**2600**	**3000**	**2700**	**3060**	**3390#**	**3178**	**1675**	**170**
Liberia	3500E	3500	2600	3000	2700	3060#	3215#	3000	1500	-
Nigeria	..	..	..	..	..	..	175#	178#	175E	170E
AMERICA	**30937**	**29102**	**37661**	**38798**	**40103**	**42766**	**45273**	**45702**	**44113**	**43206**
Argentina	616	546	465	495	646	465	597	658#	612	600E
Brazil	15604	14480	22290	22619	24268	24852	26084#	26990#	24684#	24392#
Chile	3376	3072	3371	3807	3317	3694#	4073#	3924#	4015#	4154#
Mexico	6566	6403	7356	6640	6663#	7400#	7937#	7582#	8298#	7500E
Peru	1482	1101	995	1785	1916	2011	1774#	1848	1304#	1360#
Venezuela	3293#	3500	3184	3652	3293#	4344#	4808#	4700	5200	5200
ASIA	-	-	-	**535#**	**1203#**	**1451#**	**4949#**	**5673#**	**6452#**	**5738#**
Bahrain	-	-	-	400	500	-	2500E	3000E	3500E	2600E
India	-	-	-	100	200	587#	1467#	1887	1920	2138
Turkey	-	-	-	35#	503#	864#	982#	786#	1032#	1000#
EUROPE	**75**	**75**	**70**	**81**	**76**	**56**	**25#**	**61#**	**50E**	**30E**
Yugoslavia	75	75	70	81	76	56	25#	61#	50E	30E
COUNTRIES IN EASTERN EUROPE	**55850**	**59953**	**63302**	**65830**	**66730**	**69030**	**68235**	**68950**	**68281**	**59944**
Czechoslovakia	24	153	202	223	230	230E	262#	250E	281	300
USSR (former)	55826	59800	63100	65607	66500	68800	67973#	68700#	68000#	59500
of which:										
Ukraine	..	..	..	..	..	..	..	..	..	22144#
SOCIALIST COUNTRIES OF ASIA	**2090**	**2280**	**2310**	**2790**	**3620**	**4320**	**4600**	**4800**	**5000**	**6000**
China	2090	2280	2310	2790	3620	4320	4600E	4800E	5000E	6000E

1 Pellets: iron ore fines agglomerated into a rough ball shape typically 10mm diameter.

5. SINTER[1]: Production

(thousand tonnes)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**528235**	**516291**	**551827**	**548757**	**544996**	**538263**	**563613**	**563482**	**544318**	**521247**
DEVELOPED MARKET ECONOMY COUNTRIES	**237519**	**218914**	**237443**	**238380**	**218590**	**208920**	**228822**	**232647**	**226714**	**227019**
AMERICA	**17806**	**18436**	**19904**	**18838**	**15361**	**15854**	**16893**	**15570**	**14139**	**14350**
Canada	1392#	2021#	2727#	2574#	2114#	1392#	1396#	1906#	1900	1850E
United States	16414	16415	17177	16264	13247	14462	15497	13664#	12239#	12500E
EUROPE	**121010**	**109337**	**117820**	**119521**	**109947**	**101348**	**110955**	**112787**	**110066**	**110426**
EEC	*110920*	*99129*	*107376*	*109395*	*100207*	*92012*	*101790*	*103131*	*101363*	*101416*
Belgium-Luxembourg	18187	15707	17340	16847	15513	15301	16556#	16116#	16306#	16436#
France	26076	22776	23960	24556	20873	15302	21477#	21378#	20517#	19499#
Germany	30581	26855	30827	30929	29311	26140	27833#	29753#	27230#	29064#
Italy	14500E	12656	13630	14515	13478	13008	13071#	12311#	13114#	12113#
Netherlands	2508	2653	3523	3742	3706	3682	3901#	3668#	3945#	3797#
Portugal	360E	360E	360E	477	492	429	452#	395#	344#	275#
Spain	8567	8253	7410	7465	6919	6600	5433#	6228#	6177#	6536#
United Kingdom	10141	9869	10326	10864	9915	11550	13067#	13282#	13730#	13696#
EFTA	*10090*	*10208*	*10444*	*10126*	*9740*	*9334*	*9165*	*9656*	*8703*	*9010*
Austria	5346	5551	5866	5696	5259#	4814	4431	4775#	4380#	4412#
Finland	3005	2809	2854	2637	2761#	2837	2970#	3060#	2800E	3040#
Norway	711	732	627	666	620	633	673#	680	400E	400E
Sweden	1028	1116	1097	1127	1100	1050E	1091#	1141#	1123#	1158#
ASIA	**93041**	**85710**	**93947**	**93929**	**87509**	**86447**	**94933**	**98190**	**96509**	**96143**
Japan	93041	85710	93947	93929	87509	86447	94933#	98190#	96509#	96143#
OCEANIA	**5662**	**5431**	**5772**	**6092**	**5773**	**5273**	**6041**	**6100**	**6000**	**6100**
Australia	5662	5431	5772	6092	5773	5273	6041	6100	6000	6100E
DEVELOPING COUNTRIES AND TERRITORIES	**32584**	**34144**	**40243**	**43010**	**45593**	**47985**	**54043**	**53383**	**51206**	**52228**
AFRICA	..	..	..	..	**2845**	**2680**	**4621**	**4639**	**4753**	**4736**
Algeria	..	..	..	..	2670#	2500	2600E	2600E	2500E	2500E
Egypt	..	..	..	..	..	..	1862#	1900E	2089#	2086#
Zimbabwe	..	..	..	..	175#	180E	159#	139#	164#	150#
AMERICA	**14615**	**16689**	**21095**	**23387**	**24019**	**24253**	**27095**	**26914**	**23565**	**26004**
Argentina	833	815	820	876	881	904	811	928#	838	850E
Brazil	12347	14417	18880	21000#	21471	21871#	24952#	24703#	21395	23903#
Colombia	338	361	259	324	390	405	396	400E	414#	401#
Mexico	1097	1096	1136	1187	1277	1073	936#	883#	918#	850E
ASIA	**14076**	**13450**	**15084**	**15318**	**14824**	**17296**	**18550**	**18060**	**19588**	**18988**
India	7600	7480	8102	8115	8134	9021#	9686#	10189	10000E	10000E
Philippines	3798	3101	3948	3900	3774	4307	4607	4679	5080	4750
Turkey	2678#	2869#	3034#	3303#	2916#	3968#	4257#	3192#	4508#	4238#
EUROPE	**3893#**	**4005#**	**4064#**	**4305#**	**3905#**	**3756#**	**3777#**	**3780#**	**3300E**	**2500E**
Yugoslavia	3893#	4005#	4064#	4305#	3905#	3756#	3777#	3780#	3300E	2500E
COUNTRIES IN EASTERN EUROPE	**202062**	**204613**	**207381**	**199187**	**207893**	**201948**	**199248**	**194942**	**182398**	**157000**
Bulgaria	3000E	3000E	3000E	3196	3000	2717	2287	2365	1650E	1500E
Czechoslovakia	14747	14315	13587	14008	14150	13000	12464	13076	12950	13300
Germany (former German Dem. Rep.)	3063	3168	3279	3148	3296	3207	3346	3199#	2500E	.
Hungary	4224	4001	3591	3332	3342	3023	2875	2900#	1773	1600E
Poland	13168	14100E	15127	14586	15618#	15401	14054#	12993	11779	13000
Romania	12014	11529	13797	13570	14021	14000E	13880#	13002#	8846	9000E
USSR (former)	151846	154500	155000E	147347	154466	150600	150342#	147407#	142900#	118600
of which:										
Ukraine	..	..	..	..	..	..	..	..	64094#	54088#
SOCIALIST COUNTRIES OF ASIA	**56070**	**58620**	**66760**	**68180**	**72920**	**79410**	**81500**	**82500**	**84000**	**85000**
China	56070	58620	66760	68180	72920	79410	81500	82500	84000E	85000E

[1] Sinter: agglomeration of natural ore fines, ore concentrates, flue dust and other iron bearing materials

6. IRON ORE: Exports

(thousand tonnes, natural weight)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**325387**	**313614**	**372501**	**376577**	**364410**	**369140**	**401913**	**420269**	**394546**	**395597**
DEVELOPED MARKET ECONOMY COUNTRIES	**139439**	**136716**	**162791**	**164202**	**151986**	**149254**	**169294**	**180769**	**167987**	**184915**
AMERICA	**30429**	**28619**	**35785**	**37238**	**35548**	**34755**	**35808**	**35587**	**30224**	**33696**
Canada	27201	24778	30712	32124	30995	29662	30523#	30222#	27041#	29651#
United States	3228#	3841#	5073#	5114#	4553#	5093#	5285#	5365#	3183#	4045#
EUROPE	**22644**	**23785**	**27456**	**27724**	**25693**	**25142**	**25550**	**24716**	**23564**	**23052**
EEC[1]	*7#*	*3#*	*5#*	*5#*	*6#*	*21#*	*116#*	*52#*	*411#*	*155#*
Belgium-Luxembourg	-	-	-	15	1	3	7#	11#	16#	13#
Denmark	15	12	7	7	5	3	4#	2#	4#	1#
France	5837	5031	4752	4628	4169	3740	3725#	3462#	3280#	3153#
Germany	6	8	3	3	5	6	20#	7#	4#	81#
Greece	..	..	..	-	-	-	- #	24#	..	-
Italy	1	1	-	1	-	-	- #	- #	- #	-
Netherlands	149	14	22	55	49	105	223	127	82#	65#
Spain	1869	1579	1973	2128	1791	1991	2282#	1632#	1633#	2157#
United Kingdom	1	1	-	6	1	1	2#	2#	2#	2#
EFTA	*14766*	*17139*	*20699*	*20881*	*19673*	*19293*	*19287*	*19449*	*18543*	*17580*
Austria	-	-	1	-	8	1	-	-	-	-
Norway	2166	2945	3083	2578	2532	2530	1757#	1987#	2113#	2098#
Sweden	12597	14194	17615	18303	17133#	16762	17530#	17462#	16430#	15482#
Switzerland	3	-	-	-	-	-	-	-	-	-
SOUTH AFRICA	**11358**	**7811**	**11870**	**10226**	**8850**	**8802**	**11503#**	**14566#**	**17029#**	**15468**
OCEANIA	**75010**	**76501**	**87680**	**89014**	**81895**	**80555**	**96433**	**105900**	**97170**	**112699**
Australia[2]	72711#	74039#	85480#	86914#	79678#	78594#	94969#	104500#	96156	111458#
New Zealand	2299	2462	2200	2100	2217	1961	1464#	1400E	1014#	1241
DEVELOPING COUNTRIES AND TERRITORIES	**142612**	**133893**	**163788**	**168495**	**166256**	**174453**	**189556**	**199620**	**190238**	**183294**
AFRICA	**25477**	**24987**	**27770**	**25540**	**22920**	**22525**	**23869**	**23992**	**15325**	**11086**
Algeria	1420	1398	974	7	48	13	-	20#	18#	15E
Liberia	16304	15704	16870	16100	13940	13510	13779	12747	3887#	1015
Mauritania	7753	7385#	9526#	9333#	8929	9002	10005#	11138#	11356#	9994#
Morocco	-	-	-	-	-	-	80#	82#	59#	62#
Other Africa	-	500	400	100	3	-	5	5E	5E	-
AMERICA	**89508**	**85106**	**106718**	**110855**	**111521**	**118745**	**128843**	**137539**	**137993**	**138106**
Bolivia	-	-	-	-	-	-	15	25#	225#	102#
Brazil	72712	69961	88571#	91781#	92288#	97288#	105303#	111641#	114296#	114681#
Chile	5600	4700	5600	4800	4846#	5329#	6397#	7422#	6546#	7406#
Peru[2]	4612	4200	4091	5242	4360#	4430	4668#	4014	3306#	2582#
Venezuela	6582	6245	8456	9032	10027#	11698	12460#	14437#	13620#	13335#
ASIA	**27608**	**23800**	**29300**	**32100**	**31815**	**33183**	**36845**	**38081**	**36387**	**33802**
India	24372	20700	25700	28800	28135#	28981	32079#	33479#	31585#	29000E
Indonesia	11	-	-	-	-	-	-	-	-	-
Malaysia	25	-	-	-	-	-	2#	2#	2E	2
Philippines	3200E	3100E	3600E	3300E	3680	4202	4764	4600	4800	4800
EUROPE	**21**	-	-	-	-	-	-	**8#**	**533**	**300**
Yugoslavia	21	-	-	-	-	-	-	8#	533	300E
COUNTRIES IN EASTERN EUROPE	**43336**	**43005**	**45922**	**43880**	**46168**	**45433**	**43063**	**39880**	**36321**	**27388**
USSR (former)	42836	42805	45922	43880	46168#	45433#	43063#	39880#	36321#	27388#
of which:										
Russia	..	..	..	..	..	..	..	.	11615#	9836#

1 EEC total excluding the Community's internal trade

2 Dry weight

7. IRON ORE: Exports[1]

(thousand tonnes, Fe content)

Region country or area	% Fe	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD		**204667**	**193450**	**230045**	**232451**	**228871**	**230052**	**254399**	**266295**	**247672**	**249218**
DEVELOPED MARKET ECONOMY COUNTRIES		**90245**	**84762**	**100145**	**99593**	**93383**	**92981**	**105965**	**113333**	**105199**	**114643**
AMERICA		**19204**	**18054**	**22591**	**23479**	**22450**	**21957**	**22952**	**22799**	**19105**	**21325**
Canada	63.3	17137	15610	19349	20211	19527	18687	19596#	19403#	17101	18769
United States	63.2	2067#	2444#	3242#	3268#	2923#	3270#	3356#	3396#	2004#	2556
EUROPE		**12135**	**13142**	**14996**	**15143**	**14089**	**13914**	**14917**	**14508**	**13889**	**13496**
EEC[2]		*2*	*1*	*2*	*2*	*2*	*7*	*39*	*18*	*139*	*52*
Belgium-Luxembourg	31.5	-	-	-	5	-	1	2	3	5	4
Denmark	-	6	5	3	3	2	1	1	-	-	-
France	31.5	1809	1560	1473	1435	1292	1159	1154	1073	1033	993
Germany	15.0	2	2	1	1	1	1	4	1	1	12
Netherlands	57.0	89	8	13	32	28	60	127	72	47	37
Spain	46.0	1009	853	1065	1080	968	1075	1232	881	751	992
United Kingdom	22.5	-	-	-	4	-	-	-	-	..	..
EFTA		*9220*	*10714*	*12441*	*12583*	*11798*	*11617*	*12397*	*12478*	*12052*	*11458*
Norway	65.0	1408	1914	1696	1418	1294	1392	967	1093	1373	1364
Sweden	65.2	7810	8800	10745	11165	10504	10225	11430	11385	10679#	10094#
Switzerland		2	-	-	-	-	-	-	-	-	-
SOUTH AFRICA	65.0	**7605**	**4914**	**7497**	**6426**	**5607**	**5544**	**7247**	**9176**	**11069**	**10035**
OCEANIA		**51301**	**48652**	**55061**	**54545**	**51237**	**51566**	**60849**	**66850**	**61136**	**69786**
Australia	62.0	50037	47298	53851	53390	50027#	50583	60115	66148	60578	69104
New Zealand	55.0	1264	1354	1210	1155	1210	983	734	702	558	683
DEVELOPING COUNTRIES AND TERRITORIES		**91469**	**85893**	**105561**	**109602**	**110606**	**112992**	**122596**	**129034**	**120680**	**118140**
AFRICA		**16704**	**16336**	**18205**	**16896**	**15527**	**14909**	**15782**	**15839**	**10032**	**7211**
Algeria	52.0	710	699	487	4	23	6	-	10#	9#	8
Liberia	67.0	10924	10522	11303	10787	9700	9052	9231	8540	2607	670
Mauritania	65.0	5070	4812	6175	6045	5804	5851	6503	7240	7381	6496#
Morocco	60.0	-	-	-	-	-	-	48	49	35	37
Other Africa		-	303	240	60	-	-	-	-	-	-
AMERICA		**57582**	**54739**	**68604**	**72162**	**72100**	**76846**	**83555**	**89159**	**87303**	**89333**
Brazil	65.0	46536	44775	56685	59658#	59987	63237	68447	72547	72292#	74542
Chile	66.0	3808	3196	3808	3264	3179#	3553	4254	4935	4320#	4740#
Peru	65.9	3090	2772	2700	3460	2817#	2920	3010	2589	2179#	1717#
Venezuela	62.5	4148	3996	5411	5780	6117#	7136	7844#	9088#	8512#	8334
ASIA		**17173**	**14818**	**18752**	**20544**	**22979**	**21237**	**23259**	**24036**	**23100**	**21458**
India	63.4	15111	12834	16448	18432	20624	18548	20210	21092	20028	18386
Indonesia	-	6	-	-	-	-	-	-	-	-	-
Malaysia	-	8	-	-	-	-	-	-	-	-	-
Philippines	64.0	2048	1984	2304	2112	2355	2689	3049	2944	3072	3072
EUROPE		**10**	-	-	-	-	-	-	-	**245**	**138**
Yugoslavia	46.0	10	-	-	-	-	-	-	-	245#	138
COUNTRIES IN EASTERN EUROPE		**22953**	**22795**	**24339**	**23256**	**24882**	**24079**	**25838**	**23928**	**21793**	**16433**
USSR (former)	60.0	22703	22687	24339	23256	24882	24079	25838#	23928#	21793#	16433
of which: Russia	60.0	..	..	..	..	..	..	..	..	6969	5902

1 Exports: Quantities of iron ore units exported during the calendar year

2 EEC total: excluding the Community's internal trade

8. IRON ORE: Network of exports by major region of destination, 1991

(million tonnes, natural weight)

Exports to / Exports from	World	Developed market economy countries					Developing countries	Eastern Europe	Socialist Asia
		Total	United States	Japan	EEC	Others			
WORLD	**395.6**	**281.4**	**13.6**	**129.6**	**123.3**	**14.9**	**84.5**	**28.8**	**21.0**
DEVELOPED MARKET ECONOMY COUNTRIES	**184.9**	**137.2**	**7.4**	**67.7**	**52.1**	**10.0**	**32.1**	**0.7**	**15.0**
Australia[1]	111.5	72.6	-	59.0	11.6	2.0	24.9	-	14.0
Canada	29.6	27.8	7.3	1.9	18.0	0.6	1.8	-	-
EEC	5.5	5.3	-	-	5.3	-	-	0.2	-
Sweden	15.5	13.5	0.1	0.6	11.0	1.8	1.9	0.1	-
South Africa	15.5	10.8	-	5.0	4.4	1.4	3.4	0.3	1.0
Others	7.4	7.2	-	1.2	1.8	4.2	0.1	0.1	-
DEVELOPING COUNTRIES AND TERRITORIES	**183.3**	**140.1**	**6.2**	**61.9**	**70.9**	**1.1**	**31.5**	**5.7**	**6.0**
Brazil	114.7	82.9	2.9	29.7	49.5	0.8	23.3	2.8	5.7
Chile	7.4	5.9	0.1	4.0	1.8	-	1.5	-	-
India	29.0	22.7	-	21.0	1.5	0.2	4.0	2.0	0.3
Liberia	1.0	1.0	-	-	1.0	-	-	-	-
Mauritania	10.0	9.9	0.3	0.2	9.4	-	0.1	-	-
Peru	2.6	0.8	0.2	0.6	-	-	1.8	-	-
Venezuela	13.3	11.8	2.7	1.6	7.4	0.1	0.6	0.9	-
Others	5.3	5.1	-	4.8	0.3	-	0.2	-	-
COUNTRIES IN EASTERN EUROPE	**27.4**	**4.1**	-	-	**0.3**	**3.8**	**0.9**	**22.4**	-

Note On the basis of information available to the secretariat as of 15 July 1992.

[1] Dry weight.

9. PELLETS: Exports

(thousand tonnes)

Country or area	1986	1987	1988	1989	1990	1991
Australia	1,706	2,111	2,011	1,624	1,668	692
Brazil	22,254	19,962	23,765	23,335	20,040	23,975
Canada	17,488	13,078	17,569	17,325	14,647	14,403
Chile	3,013	3,284	3,549	3,587	3,423	3,809
India[1]	154	825	1,640	1,923	1,717	1,743
Liberia	3,188	3,227	3,201	3,320	1,455	0
Norway	..	..	1,060	1,052	1,247	1,337
Peru	1,499	1,752	1,515	1,503	1,153	840
Sweden	6,259	6,143	6,535	6,494	6,499	6,361
United States	4,551	5,049	5,232	2,874	3,018	4,016
USSR	10,927	10,866	10,892	11,507	12,316	10,043
Venezuela	22	434	849	1,159	1,184	900
TOTAL	**71,061**	**66,731**	**75,703**	**74,929**	**72,490**	**68,119**

[1] Fiscal year (April to March) except for 1990 and 1991: calendar year

10. IRON ORE: Imports

(thousand tonnes, natural weight)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**337145**	**316730**	**369129**	**378553**	**367183**	**370093**	**398796**	**417562**	**397059**	**387818**
DEVELOPED MARKET ECONOMY COUNTRIES	**255262**	**232966**	**277108**	**280268**	**262928**	**261008**	**288040**	**301696**	**287181**	**281806**
AMERICA	**18271**	**17553**	**22383**	**21824**	**22384**	**22080**	**24917**	**24954**	**22168**	**17951**
Canada	3357	4013	4947	5800	5367	5213	4791#	5348#	4113#	4620#
United States	14914	13540	17436	16024	17017	16867	20126	19606#	18053#	13331#
EUROPE	**115092**	**106209**	**129302**	**133907**	**125251**	**126852**	**139277**	**147161**	**137575**	**135751**
EEC[1]	*99453#*	*92243#*	*113790#*	*119556#*	*115343#*	*118507#*	*126564#*	*136079#*	*124286#*	*126675#*
Belgium-Luxembourg	18613	17520	19628	18997	18056	18385	20795#	19787#	20278#	19486#
Denmark	183	63	1	2	3	8	3#	6#	3#	2#
France	14943	12553	16088	16220	16191	15056	18727#	19955#	18807#	18206#
Germany[2]	38909	35499	42500	45007	41632	39583	45169#	47170#	43730#	43288
Greece	-	-	-	-	2	-	-	-	-	-
Italy	16066	13798	19240	18295	17601	16523	16200#	18201#	17203#	17855#
Netherlands	6160	4979	7238	8507	7066	7049	7562	8153	8303	7892
Portugal	263	471	375	683	543#	764	477#	689#	449#	466#
Spain	4579	4202	4221	5023	4286	5767	5556#	6935#	6705#	7596#
United Kingdom	10572	13169	14160	15405	14558	18028	17867#	19179#	14700#	13540#
EFTA	*4804*	*3955*	*5851*	*5768*	*5312*	*5689*	*6921*	*7086*	*7397*	*7420*
Austria	3241	2391	3890	3685	3204#	3311	4164	4192#	3892#	3968#
Finland	1493	1299	1856	1756	1987#	2261	2400#	2600#	3158	3070#
Iceland	12	13	16	23	25	17	23	17	18	17
Norway	47	225	40	230	18	21	193#	23#	12#	27#
Sweden	5	19	39	68	67#	70#	129	254#	317#	338#
Switzerland	6	8	10	6	11	9	12	-	-	-
ASIA	**121808**	**109152**	**125371**	**124513**	**115234**	**112034**	**123377**	**127709**	**125290**	**127186**
Japan	121808	109152	125371	124513	115234	112034	123377#	127709#	125290#	127186#
OCEANIA	**91#**	**52#**	**52#**	**24#**	**59#**	**42#**	**469#**	**1872#**	**2150E**	**918**
Australia	91#	52#	52#	24#	59#	42#	469#	1872#	2150E	918#
DEVELOPING COUNTRIES AND TERRITORIES	**25533**	**26447**	**28819**	**31472**	**34395**	**38473**	**42574**	**52250**	**50343**	**56373**
AFRICA	**32**	**11**	**16**	**13**	**71**	**63**	**198**	**858**	**367**	**220**
Algeria	-	-	16	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	152#	770E	300E	150E
Tunisia	32	11	-	13	71	63	46	88	67	70E
AMERICA	**2107**	**1904**	**2213**	**2455**	**3283**	**3387**	**3590**	**4476**	**4491**	**3800**
Argentina	2106	1904	2213	2455	3183	3342	3131#	3816#	3140	2600E
Mexico	1	-	-	-	100#	45	459#	660#	363#	300E
Trinidad and Tobago	..	..	..	..	..	..	..	..	988#	900E
ASIA	**21917**	**22964**	**25024**	**26824**	**29694**	**33942**	**37300**	**44611**	**43487**	**50553**
Indonesia	400E	1100E	900E	1600E	1400E	1400E	1400E	2000#	2000E	2000E
Malaysia	33	28	414	831	1026	819	452#	912#	800E	800E
Pakistan	524	914	922	1243	1469	1105	1528	1393	1400E	1400E
Philippines	3300E	3200E	3600E	3300E	3700E	4000E	4400E	4200E	4600#	4800E
Qatar	715	580	752	840E	800E	700E	800E	900E	900E	1000E
Republic of Korea	11464	10121	10287	11167	11941	16607	16479	22790#	22500#	28440#
Saudi Arabia	96	288	965	1044	1385	1478	1245	1652	1468	1500E
Singapore	25	13	7	13	7	1	10E	1	5	2E
Syrian Arab Rep.	..	..	..	..	..	..	..	..	2#	2E
Taiwan Province of China	4106	5004	5228	4939	5358	6140	8477	8370	7760	8000E
Turkey	1064#	1546#	1849#	1747#	2428#	1532#	2369#	2243#	1952#	2509#
United Arab Emirates	190	170	100E	100E	180	160	140E	150E	100E	100E
EUROPE	**1477**	**1568**	**1566**	**2180**	**1347**	**1081**	**1486**	**2305**	**1998**	**1800**
Yugoslavia	1477	1568	1566	2180	1347	1081	1486#	2305#	1998#	1800E

10. IRON ORE: Imports
(concluded)

(thousand tonnes, natural weight)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
COUNTRIES										
IN EASTERN EUROPE	**52414**	**52820**	**57032**	**56399**	**57315**	**57915**	**54583**	**50323**	**44493**	**30388**
Bulgaria	2360	2313	2286	2215	2248	2308	2112	1920	1964#	551#
Czechoslovakia	15290	15305	15307#	15298#	15409#	15088#	14718#	14073#	14173#	12028
Germany (former German Dem. Rep.)[3]	3116	2971	3179	4324	4100E	4300E	4200E	4000E	2800E	-
Hungary	3757	3967	4170	2382	3414	3403	2885#	3263#	3202#	3000E
Poland	13493	13787	17127	16973	16644#	17116	16668#	13441#	11013#	7419
Romania	14398	14477	14963	15207	15500	15700E	14000E	13626#	11341#	7390E
SOCIALIST COUNTRIES OF ASIA	**3936**	**4497**	**6170**	**10414**	**12546**	**12698**	**13600**	**13293**	**15043**	**19251**
China	3451	4385	5970	10114	12046	12098	12900E	12593#	14343	18551
Democratic People's Rep. of Korea	485E	112E	200E	300E	500E	600E	700E	700E	700E	700E

1 EEC total: excluding the Community's internal trade

2 For 1991, unified territory of Germany

3 The statistical series for the former German Democratic Republic stops in 1990. This should be taken into account in any comparisons of the total of countries in eastern Europe

11. EEC: Iron ore imports by origin/destination, 1991

(thousand tonnes, natural weight)

Origin \ Destination	Germany	France	Italy	Netherlnds	Belgium Luxembrg	United Kingdom	Denmark	Spain	Portugal	EEC
Non agglomerated ores[1]										
Total	*28,473*	*17,182*	*15,666*	*7,877*	*18,950*	*11,265*	*2*	*5,328*	*239*	*99,465* [a]
of which:										
EEC	17	435	140	538	3228	1137	-	0	21	-
Australia	5,667	4,151	1,928	1,656	1,511	2,481	-	940	-	18,334
Brazil	13,390	5,468	5,466	2,327	6,705	2,273	-	1,760	107	37,496
Canada	4,656	1,322	447	785	839	1,899	-	253	111	10,512
Liberia	-	710	61	-	-	-	-	65	-	836
Mauritania	408	1,721	3,170	60	2,111	909	-	1,240	-	9,619
Norway	135	405	-	1,456	257	123	-	-	-	2,376
South Africa	494	416	1,437	104	45	1,526	-	-	-	4,022
Sweden	2,556	586	-	-	2,296	349	2	-	-	5,789
Venezuela	667	1,194	1,663	431	1,633	451	-	1,037	-	7,076
Others	283	774	1,354	519	325	117	-	33	-	3,405
Agglomerated ores[2]										
Total	*14,815*	*1,024*	*2,188*	*15*	*536*	*2,274*	-	*2,269*	*227*	*23,324* [a]
of which:										
EEC	-	-	-	-	24	-	-	-	-	-
Australia	-	-	-	-	-	357	-	-	-	357
Brazil	6,619	324	1,422	0	45	-	-	1,835	-	10,245
Canada	3,201	597	475	15	-	707	-	434	140	5,569
Liberia	-	-	-	-	-	-	-	-	-	-
Mauritania	-	-	-	-	-	-	-	-	-	-
Norway	754	-	-	-	237	700	-	-	-	1,691
South Africa	-	85	-	-	-	451	-	-	87	623
Sweden	3,137	13	-	-	230	-	-	-	-	3,380
Venezuela	-	-	-	-	-	59	-	-	-	59
Others	1,104	5	291	-	-	-	-	-	-	1,400
Total	**43,288**	**18,206**	**17,855**	**7,892**	**19,486**	**13,540**	**2**	**7,597**	**466**	**122,789** [a]

Notes: Greece and Ireland are not concerned.

1 Non-agglomerated ores: fines; lumps; pellet-feed and concentrates.

2 Agglomerated ores: pellets or sinter.

[a] Third countries only.

12. EASTERN EUROPE: Iron ore imports by origin/destination, 1991

(thousand tonnes, natural weight)

Origin \ Destination	Poland	Romania (E)	Czechoslovakia	Hungary	Bulgaria
Brazil	900	750	900	30	-
India	-	1,900	140	600	-
Norway	-	-	-	2	-
Sweden	70	-	60	-	-
USSR	5,800	4,200	10,200	1400	551
of which: Russia	3,000	160	4,200	130	-
Venezuela	550	140	90	50	-
Others	100	400	638	918	-
Total	**7,419**	**7,390 E**	**12,028**	**3,000 E**	**551**

13. JAPAN: Iron ore imports by origin, 1991

(thousand tonnes, natural weight)

Origin	Non-agglomerated[1]	Agglomerated[2]	Total
Australia	57,987	367	58,354
Brazil	23,908	4,562	28,470
Canada	1,681	-	1,681
Chile	2,255	1,873	4,129
India	20,722	250	20,972
Mauritania	236	-	236
New Zealand[3]	1,293	-	1,293
Peru	413	451	864
Philippines[4]	-	4,864	4,864
South Africa	4,993	0	4,993
Venezuela	1,407	-	1,407
Others	245	-	245
Total	**115,199**	**11,987**	**127,186**

1 Non-agglomerated ores: fines; lumps; pellet-feed and concentrates.

2 Agglomerated ores: pellets or sinter.

3 Iron ore sands.

4 Sinter produced from fines imported via Japan.

14. REPUBLIC OF KOREA: Iron ore imports by origin, 1991

(thousand tonnes, natural weight)

Origin	Non-agglomerated[1]	Agglomerated[2]	Total
Australia	12,130	250	12,380
Brazil	7,890	120	8,010
Canada	1,180	-	1,180
Chile	500	550	1,050
India	4,040	-	4,040
Peru	1,230	450	1,680
South Africa	100	-	100
Total	**27,070**	**1,370**	**28,440**

1 Non-agglomerated ores: fines; lumps; pellet-feed and concentrates.

2 Agglomerated ores: pellets or sinter.

15. IRON ORE: Value of exports[1]

(million dollars)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**7033.0**	**6536.6**	**7015.2**	**7042.7**	**6909.2**	**6885.2**	**7476.1**	**8222.1**	**8463.7**	**8550.7**
DEVELOPED MARKET ECONOMY COUNTRIES	**3045.8**	**2927.3**	**3141.8**	**3120.4**	**2860.0**	**2698.7**	**3034.7**	**3369.9**	**3679.3**	**3923.3**
AMERICA	**985.7**	**956.0**	**1098.0**	**1097.3**	**1001.9**	**928.9**	**1010.7**	**992.0**	**842.6**	**934.1**
Canada	835.2	773.3	858.7	857.1	797.1	730.6	816.9#	799.3#	719.4#	777.7#
United States	150.5	182.7	239.3	240.2	204.8	198.3	193.8	192.7	123.2#	156.4#
EUROPE	**362.9**	**366.8**	**433.1**	**458.0**	**404.0**	**441.1**	**474.8**	**536.0**	**568.7**	**520.2**
EEC[2]	*0.8#*	*0.4#*	*0.6#*	*0.5#*	*0.9#*	*1.0#*	*1.1#*	*2.2#*	*5.7#*	*3.7#*
Belgium-Luxembourg	0.1	-	-	0.6	0.1	0.2	0.7#	0.8#	1.4#	0.9#
Denmark	0.3	0.2	0.1	0.1	0.1	0.1	-	-	-	-
France	34.9	26.3	21.7	21.8	26.2	28.7	29.6#	27.1#	31.1	29.6#
Germany	0.4	0.5	0.4	0.3	0.5	0.7	1.1#	0.8#	0.6#	2.3#
Greece	..	..	..	..	-	-	-	24.0#	-	-
Italy	0.1	0.1	0.1	-	0.1	-	-	0.2#	0.1#	0.1#
Netherlands	5.6	1.5	1.3	2.5	1.2	5.3	7.7#	6.1	5.3	4.8#
Spain	17.7	14.3	16.2	19.3	16.3	17.5	19.5#	15.3#	17.7#	27.9#
United Kingdom	-	0.1	-	0.1	0.2	0.2	0.3#	0.2#	0.5#	0.4#
EFTA	*303.8*	*323.8*	*393.3*	*413.3*	*359.3*	*388.4*	*415.9*	*461.5*	*512.0*	*454.2*
Austria	-	-	0.1	-	0.3	-	-	-	-	-
Norway	58.2	69.6	66.4	54.8	55.3	53.4	42.5#	50.0#	61.5#	63.7#
Sweden	245.6	254.2	326.8	358.5	303.7#	335.0	373.4	411.5#	450.5#	390.5
SOUTH AFRICA	**217.0**	**158.8**	**168.1**	**145.7**	**132.1**	**131.8**	**146.1#**	**209.2#**	**299.0#**	**275.0E**
OCEANIA	**1480.2**	**1445.7**	**1442.6**	**1419.4**	**1322.0**	**1196.9**	**1403.1**	**1632.7**	**1969.0**	**2194.0**
Australia	1456.9#	1420.0#	1421.0#	1400.0#	1300.9#	1181.6#	1390.8#	1620.0#	1960.0#	2183.0#
New Zealand	23.3	25.7	21.6	19.4	21.1	15.3	12.3#	12.7#	9.0E	11.0E
DEVELOPING COUNTRIES AND TERRITORIES	**3054.1**	**2643.4**	**2913.1**	**3021.1**	**2927.2**	**2971.1**	**3298.1**	**3804.6**	**3798.2**	**3882.4**
AFRICA	**479.2**	**403.1**	**438.3**	**429.3**	**384.6**	**352.1**	**365.0**	**473.1**	**315.0**	**217.6**
Algeria	23.6	16.0	10.7	0.1E	0.5	0.2E	-	0.3#	0.3E	0.2E
Angola	-	1.2E	-	-	-	-	-	-	-	-
Liberia	311.1	267.3	282.2	279.4	241.0	217.9	220.0E	286.0E	93.0E	24.0E
Mauritania	144.5#	114.0#	141.1#	148.7#	143.0#	134.0#	143.5#	185.1#	220.2#	192.0E
Morocco	-	-	-	-	-	-	1.3#	1.5E	1.3#	1.4#
Sierra Leone	-	4.6E	4.3E	1.1E	-	-	-	-	-	-
Tunisia	-	-	-	-	0.1	-	0.2#	0.2E	0.2E	-
AMERICA	**2021.5**	**1774.9**	**1971.2**	**2031.3**	**2017.6**	**2052.0**	**2286.1**	**2647.5**	**2876.3**	**3043.3**
Bolivia	..	..	..	..	..	..	0.2	0.3	3.0E	1.4E
Brazil	1590.9E	1426.5E	1605.3	1658.0	1624.0	1615.4#	1900.4#	2176.0#	2436.5#	2603.9#
Chile	158.0	112.0	111.0	91.0	92.3#	95.7#	105.4	141.0E	125.0#	141.0E
Peru	85.8	74.8	57.9	72.8	74.3#	70.9	61.0#	60.2E	51.8#	42.0E
Venezuela	186.8E	161.6E	197.0E	209.5E	227.0E	270.0	219.1#	270.0E	260.0E	255.0E
ASIA	**552.6**	**465.4**	**503.6**	**560.5**	**525.0**	**567.0**	**647.0**	**683.0**	**603.0**	**619.0**
India	450.0	371.9	409.6	477.5	435.0#	470.0E	540.0E	570.0E	485.0#	499.0E
Indonesia	0.1	-	-	..	-	-	-	-	-	-
Malaysia	0.5	0.5	-	-	-	-	-	- #	-	-
Philippines	102.0E	93.0E	94.0E	83.0E	90.0E	97.0E	107.0E	113.0E	118.0E	120.0E
EUROPE	**0.8**	-	-	-	-	-	-	**1.0**	**3.9**	**2.5**
Yugoslavia	0.8#	-	-	-	-	-	-	1.0#	3.9#	2.5E
COUNTRIES IN EASTERN EUROPE	**933.1**	**965.9**	**960.3**	**901.2**	**1122.0**	**1215.4**	**1143.3**	**1047.6**	**986.2**	**745.0**
USSR (former)	923.8	960.9	960.3	901.2	1122.0	1215.4	1143.3	1047.6	986.2#	745.0E

1 Value of exports: f.o.b. value of iron ore exported, converted to United States dollars using exchange rates indicated by governments, or converted on the basis of exchange rates supplied by I.M.F.

2 EEC total: excluding the Community's internal trade.

16. IRON ORE[1]: Value of Imports

(million dollars)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**9116.5**	**8284.1**	**8803.2**	**9014.6**	**8798.0**	**8418.5**	**9036.6**	**10463.9**	**11139.3**	**11283.6**
DEVELOPED MARKET ECONOMY COUNTRIES	**7299.1**	**6463.5E**	**6883.8E**	**6918.1**	**6619.1**	**6297.0**	**6815.8**	**7668.6**	**8383.6**	**8418.0**
AMERICA	**744.0**	**717.3E**	**854.1E**	**809.2**	**760.9**	**672.6**	**753.9**	**720.2**	**793.3**	**598.3**
Canada	156.0	189.3	226.1	255.6	212.0	194.6	185.1#	197.9#	146.1#	159.7#
United States	588.0	528.0E	628.0E	553.6	548.9	478.0	568.8	522.3#	647.2#	436.6#
EUROPE	**2923.3**	**2599.3**	**2829.1**	**3063.5**	**3098.1**	**3005.9**	**3203.8**	**3771.1**	**4186.2**	**4155.2**
EEC[2]	*2568.8#*	*2323.3#*	*2508.2#*	*2721.5#*	*2829.1#*	*2814.6#*	*2898.6#*	*3298.4#*	*3612.4#*	*3799.6#*
Belgium-Luxembourg	318.6	278.5	307.7	336.5	335.2	341.1	390.5#	404.2#	485.1#	497.4#
Denmark	8.3	2.8	0.3	0.4	0.8	0.9	- #	1.1	0.8#	0.7#
France	381.8	311.7	338.9	359.5	347.7	300.2	377.5#	473.6#	510.6#	521.0#
Germany	1051.9	965.9	1029.2	1122.9	1266.7	1121.0	1172.6#	1328.2#	1472.1#	1458.8#
Greece	-	-	-	0.1	0.3	-	- #	-	-	-
Italy	418.4	349.4	432.0	407.9	389.3	354.4	289.9#	455.9#	472.4#	502.4#
Netherlands	144.0	100.4	137.0	166.7	154.2	146.8	146.0	144.0	174.0	160.9
Portugal	6.6	12.1	9.5	17.5	12.8	18.6	13.0#	18.7#	14.8#	17.4#
Spain	140.9	111.3	106.9	125.2	100.7	125.5	138.9#	193.8#	207.6#	232.0#
United Kingdom	296.3	353.5	302.9	371.8	341.7	432.7	473.5#	502.2#	588.3#	512.3#
EFTA	*156.5*	*113.7*	*164.7*	*155.0*	*148.7*	*164.7*	*201.9*	*249.4*	*260.5*	*252.3*
Austria	112.8	75.5	121.8	111.3	99.2	110.6	144.3	143.6	152.7	134.7
Finland	41.1	32.3	39.4	36.5	44.7#	49.5	45.4#	95.0#	96.0E	100.0#
Iceland	0.6	0.6	0.6	0.9	1.0	0.7	1.0	0.8	0.9	0.9
Norway	1.6	4.3	1.3	3.7	0.7	0.8	5.3#	0.9#	0.9#	1.1#
Sweden	0.2	0.8	1.4	2.5	2.9#	2.9	5.7	9.1	10.0#	15.6
Switzerland	0.2	0.2	0.2	0.1	0.2	0.2	0.2	-	-	-
ASIA	**3629.4**	**3145.4**	**3199.1**	**3044.9**	**2759.3**	**2618.4**	**2852.7**	**3137.3**	**3374.1**	**3644.8**
Japan	3629.4	3145.4	3199.1	3044.9	2759.3	2618.4	2852.7	3137.3	3374.1	3644.8
OCEANIA	**2.4**	**1.5**	**1.5**	**0.5**	**0.8**	**0.1**	**5.2**	**40.0**	**30.0**	**21.7**
Australia	2.4#	1.5#	1.5	0.5	0.8#	0.1#	5.2#	40.0#	30.0#	21.7#
DEVELOPING COUNTRIES AND TERRITORIES	**726.9**	**747.3**	**817.0**	**910.1**	**914.1**	**962.2**	**1094.3**	**1464.6**	**1540.7**	**1785.6**
AFRICA	**1.2**	**0.3**	**0.2**	**0.7**	**1.9**	**1.3**	**6.4**	**12.6**	**10.2E**	**6.3**
Algeria	-	-	0.2	-	-	-	-	-	-	-
Nigeria	..	..	..	..	-	-	5.0	10.0E	8.0E	4.0E
Tunisia	1.2	0.3	-	0.7	1.9	1.3	1.4	2.6	2.2E	2.3
AMERICA	**76.3**	**61.0**	**68.1**	**75.5**	**98.6**	**101.4**	**127.6**	**158.5**	**144.7**	**120.0**
Argentina	76.2	61.0	68.1	75.5	95.1	99.7	102.4#	137.0#	126.5	105.0E
Mexico	0.1	-	-	-	3.5#	1.7	25.2#	21.5#	18.2#	15.0E
ASIA	**600.1**	**642.5**	**708.9**	**775.1**	**780.5**	**822.7**	**900.7**	**1202.5**	**1345.5**	**1635.3**
Indonesia	15.0E	30.5E	24.0E	46.0E	42.5E	42.0E	46.0E	70.0E	74.0E	75.0E
Malaysia	1.2	0.8	11.9	26.9	30.5	24.5	15.4#	38.1#	33.6E	34.0E
Pakistan	17.6	35.4	31.2	35.9	38.8	29.2	46.9	46.8	47.6E	48.0E
Philippines	95.0E	93.0E	90.0E	86.0E	92.5E	96.0E	102.0E	105.0E	129.0E	135.0E
Qatar	31.7E	24.4E	29.7E	33.7E	31.3E	28.0E	30.0E	34.0E	36.0E	38.0E
Republic of Korea	277.8	253.9	282.7	318.9	293.8	363.0	345.5	549.9#	642.5#	891.5#
Saudi Arabia	5.1	14.7E	48.3E	53.2E	49.9	49.4	49.7	78.6	81.8	83.0E
Singapore	0.9	0.4	0.2	0.3	0.2	0.2	0.2E	0.2	0.7	0.2
Taiwan Province of China	119.6	139.3	130.0	118.3	126.3	146.3	187.7	211.0	227.6	235.0E
Turkey	33.2#	47.1#	58.9#	53.9#	72.8#	42.1#	75.3#	64.9#	69.7#	92.6#
United Arab Emirates	3.0	3.0E	2.0E	2.0E	1.9E	2.0E	2.0E	4.0E	3.0E	3.0E
EUROPE	**49.3#**	**43.5**	**39.8**	**58.8**	**33.1**	**36.8**	**59.6**	**91.0**	**40.3**	**24.0**
Yugoslavia	49.3#	43.5	39.8	58.8	33.1	36.8#	59.6#	91.0#	40.3#	24.0E

16. IRON ORE[1]: Value of Imports
(concluded)

(million dollars)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
COUNTRIES IN EASTERN EUROPE	**965.6**	**954.5**	**942.8**	**922.9**	**921.8**	**877.8**	**852.7**	**986.8**	**806.4**	**550.0**
Bulgaria	44.6E	41.2E	38.2E	35.5E	35.0E	51.7E	51.3E	50.5E	42.9#	15.0E
Czechoslovakia	365.0	375.8	360.4	344.4	358.4	290.0	272.0E	280.0E	284.0E	235.0E
Germany (former German Dem. Rep.)	58.8E	52.3E	52.0E	68.0E	66.0E	69.0E	62.0E	102.2#	75.0E	-
Hungary	50.7	42.4	41.7E	40.3	46.6	51.2	47.0E	58.1#	51.5	50.0E
Poland	184.7	189.5	203.1	192.7	167.8	163.9	157.4	236.0E	209.0E	150.0E
Romania	261.8E	253.3E	247.4E	242.0E	248.0E	252.0E	263.0E	260.0E	144.0#	100.0E
SOCIALIST COUNTRIES OF ASIA	**124.9**	**118.8**	**159.6**	**263.5**	**343.0**	**281.5**	**274.0**	**343.9**	**408.6**	**530.0**
China	110.7	116.3	156.5	258.8	335.4	269.5	260.0	329.9#	394.1	515.0E
Democratic People's Rep. of Korea	14.2E	2.5E	3.1E	4.7E	7.6E	12.0E	14.0E	14.0E	14.5E	15.0E

1 Value of imports: c.i.f. value of iron ore imported expressed in United States dollars converted using exchange rates indicated by governments or on the basis of rates supplied by I.M.F.

2 EEC total: excluding the Community's internal trade.

17. IRON ORE: Apparent Consumption[1]

(thousand tonnes, natural weight)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**829289**	**781088**	**871538**	**912341**	**917480**	**932667**	**957311**	**984610**	**978047**	**937542**
DEVELOPED MARKET ECONOMY COUNTRIES	**358000**	**307048**	**374796**	**382503**	**357631**	**365692**	**381032**	**400134**	**391171**	**373589**
AMERICA	**60514**	**60820**	**78628**	**73914**	**62961**	**71489**	**87033**	**89541**	**83957**	**75731**
Canada	11748	12561	14165	13474	11051	12071	14677	16268	12679	10930
United States	48766	48259	64463	60440	51910	59418	72356	73273	71278	64801
EUROPE	**146363**	**130748**	**154139**	**158048**	**148423**	**144853**	**154128**	**163059**	**150176**	**147938**
EEC	*132707*	*122458*	*142527*	*145321*	*134888*	*131912*	*140546*	*148891*	*137064*	*134441*
Belgium-Luxembourg	18653	17560	19628	18982	18055	18382	20788	19776	20262	19473
Denmark	168	51	-6	-5	-2	5	-1	4	-1	1
France	28776	23702	26366	26072	24582	22882	24874	25812	24247	22545
Germany	40211	36471	43477	46034	42344	39824	45219	47265	43810	43325
Greece	500	1300	1452	1712	1302	-	-	-24	-	-
Italy	16075	13797	19240	18294	17601	16523	16200	18201	17203	17855
Netherlands	6011	4965	7216	8452	7017	6944	7339	8026	8221	7827
Portugal	303	501	405	753	593	794	502	709	469	466
Spain	10971	10563	10209	9358	8549	8268	7536	9913	8102	9354
United Kingdom	11039	13548	14540	15669	14846	18290	18089	19209	14751	13595
EFTA	*13656*	*8290*	*11612*	*12727*	*13535*	*12941*	*13582*	*14168*	*13112*	*13497*
Austria	6571	5931	7489	6985	6316	6360	6464	6602	6192	6088
Finland	2373	2159	2756	2556	2630	2909	2957	2600	3158	3070
Iceland	12	13	16	23	25	17	23	17	18	17
Norway	1151	820	797	1122	1146	631	1080	394	-20	138
Sweden	3546	-641	544	2035	3407	3015	3046	4555	3764	4184
Switzerland	3	8	10	6	11	9	12	-	-	-
SOUTH AFRICA	**13198**	**8794**	**12626**	**14713**	**15633**	**13206**	**13744**	**15392**	**13262**	**13492**
ASIA	**122170**	**109450**	**125695**	**124851**	**115525**	**112329**	**123655**	**127960**	**125498**	**127386**
Japan	122170	109450	125695	124851	115525	112329	123655	127960	125498	127386
OCEANIA	**15755**	**-2764**	**3708**	**10977**	**15089**	**23815**	**2472**	**4182**	**18278**	**9082**
Australia	15074	-2502	3618	10557	14396	23196	1584	3182	17994	8058
New Zealand	681	-262	90	420	693	619	888	1000	284	1024
DEVELOPING COUNTRIES AND TERRITORIES	**93811**	**90490**	**96444**	**114733**	**131147**	**132934**	**134774**	**142940**	**146438**	**154970**
AFRICA	**8267**	**4738**	**4829**	**7016**	**9301**	**8365**	**6311**	**8215**	**7610**	**7642**
Algeria	2472	2286	2706	3373	3312	3562	3400	2728	2912	2985
Angola	-	-100	-	-	-	-	-	-	-	-
Egypt	2200	2060	1889	2120	1999	2112	2400	2400	2420	2371
Liberia	1696	-294	-770	20	1660	296	-971	-447	94	185
Mauritania	457	-785	-526	-130	333	118	-223	976	60	200
Morocco	230	300	200	140	200	204	37	44	-9	-8
Nigeria	-	-	-	-	-	-	152	770	300	150
Sierra Leone	10	-40	20	-30	-	-	-	-	-	-
Tunisia	302	311	310	323	378	353	267	273	253	261
Zimbabwe	900	1000	1000	1200	1419	1720	1249	1471	1580	1498
AMERICA	**37823**	**37618**	**41955**	**54854**	**57358**	**56430**	**60295**	**59608**	**59905**	**57903**
Argentina	2706	2904	2913	3355	3893	4142	4293	4493	4140	3200
Bolivia	-	-	-	-	-	-	-	-11	-100	0
Brazil	20388	22139	23529	36419	36766	36817	40697	42102	40079	35976
Chile	160	470	-10	1040	1480	802	898	690	1265	1285
Colombia	470	456	441	455	523	615	615	600	628	607
Mexico	7661	8420	10543	8103	7681	7419	8289	8198	8477	8300
Peru	1319	25	-60	-250	835	1137	-510	-79	1	1011
Trinidad and Tobago	..	..	..	..	..	..	..	..	988	900
Venezuela	5119	3204	4599	5732	6180	5498	6013	3615	6499	6624

17. IRON ORE: Apparent Consumption[1]
(concluded)

(thousand tonnes, natural weight)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
ASIA	**41160**	**41548**	**42779**	**45205**	**56523**	**61075**	**61139**	**68382**	**73327**	**85525**
Hong Kong	30	30	-	-	-	-	-	-	-	-
India	18380	17389	16610	15290	23034	22354	17882	17955	22117	27915
Indonesia	389	1100	900	1600	1400	1400	1400	2000	2000	2000
Iran,Islamic Rep.of	..	..	..	1000	2000	3000	4300	5630	5500	6184
Malaysia	408	128	574	1013	1234	980	659	1103	1146	1148
Myanmar(Union of)	3	3	3	-	-	-	-	-	-	-
Pakistan	524	914	922	1243	1469	1105	1528	1393	1400	1400
Philippines	100	100	-	-	20	-202	-364	-400	-200	-
Qatar	715	580	752	840	800	700	800	900	900	1000
Republic of Korea	12017	10712	10841	11709	12466	17117	17151	23134	22870	28730
Saudi Arabia	96	288	965	1044	1385	1478	1245	1652	1468	1500
Singapore	25	13	7	13	7	1	10	1	5	2
Syrian Arab Rep.	..	..	..	..	..	..	..	..	22	22
Taiwan Province of China	4106	5004	5228	4939	5358	6140	8477	8370	7760	8000
Thailand	30	70	70	94	37	97	99	160	132	130
Turkey	4147	5047	5807	6320	7133	6745	7812	6334	8107	7394
United Arab Emirates	190	170	100	100	180	160	140	150	100	100
EUROPE	**6561**	**6586**	**6881**	**7658**	**7965**	**7064**	**7029**	**6735**	**5597**	**3900**
Yugoslavia	6561	6586	6881	7658	7965	7064	7029	6735	5597	3900
COUNTRIES OF EASTERN EUROPE	**259352**	**260773**	**264298**	**266451**	**267526**	**269324**	**265125**	**257143**	**247545**	**204942**
Bulgaria	3912	4116	4349	4200	4427	4165	3938	3533	3043	1409
Czechoslovakia	17151	17208	17176	17122	17193	16886	16491	15853	15883	13768
Germany (former German Dem. Rep.)	3157	3011	3215	4324	4100	4300	4200	4000	2800	-
Hungary	3971	4182	4363	2566	3414	3403	2885	3263	3202	3000
Poland	13542	13797	17138	16985	16653	17122	16674	13448	11019	7424
Romania	16544	16464	16879	17494	17931	17981	16000	15626	11919	7867
USSR (former)	201575	202195	201178	203760	203808	205467	204937	201420	199679	171474
SOCIALIST COUNTRIES OF ASIA	**118126**	**122777**	**136000**	**148654**	**161176**	**164718**	**176380**	**184393**	**193893**	**204041**
China	109641	114665	127800	140354	152676	156118	167680	174693	183693	193841
Democratic People's Rep. of Korea	8485	8112	8200	8300	8500	8600	8700	9700	10200	10200

[1] Apparent consumption relates to production plus imports minus exports. Stocks not considered.

18. IRON ORE: Reported consumption[1]

(thousand tonnes, natural weight)

Country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Algeria	..	..	..	..	2629#	..	..	2776#	2739#	..
Argentina	..	..	..	..	..	..	3753#	4675#	..	..
Australia	10299	7857	9445	8088	10000#	..	..	10010#	10000#	..
Austria	5161	5547	6309	6300	6385#	5665	5850	..	6104#	..
Brazil	16706	19106	26322	27558	28698	32043#	..	26959	23747	24429#
Canada	11999#	13103#	14620#	15009#	14185#	14929#	14871#	15571#	11219#	12506#
Chile	..	..	..	..	..	..	..	1095	..	..
Colombia	..	..	..	..	..	..	615#	..	725#	705#
Czechoslovakia	16190#	16017#	15939#	15689#	15787#	15875#	15664#	..	..	..
EEC	**131971**	**128428**	**138668**	**144205**	**132627**	**131840**	**152002**	**152988#**	**146771#**	**145210#**
Belgium-luxembourg	18509	18503	20539	19776	18372	18198	19765#	19288#	19752#	20081#
France	28506	25620	26462	26606	24311	22701	24816#	25440#	24393#	23252#
Germany	38377	37817	42719	45204	41477	40550	50295#	50964#	46735#	48598#
Italy	17496	15835	17520	19352	18225	17090	19384#	18787#	18554#	16833#
Netherlands	5381	5563	7284	7433	7047	7181	7979#	8228#	7901#	7479#
Portugal	386	576	478	616	636	639	729#	621#	554#	419#
Spain	12005	11299	10159	10042	8175	7795	7860#	9186#	8814#	9116#
United Kingdom	11311	13215	13507	15176	14384	17682	21174#	20474#	20068#	19432#
Egypt	..	..	..	..	..	..	..	..	3980#	4407#
Finland	3092	3010	3201	2964	3084#	3169	3370#	3540#	..	3035#
Germany (former Dem. Rep.)	3542	3713	3891	3940	4416	4405	..	4307	..	-
Hungary	4431	4083	4054	3817	3673	3563	2885#	3680#	..	..
Japan	107390	101198	111598	111701	103046	101238	129369#	131573#	132161#	131989#
India	..	..	..	..	..	26159#	28524#	..	..	..
Iran, Islamic Rep. of	..	..	..	..	..	..	..	..	..	3333#
Malaysia	..	..	..	..	..	..	201#	154#	..	..
Mexico	..	..	..	5163	9138#	9109#	10983#	10049#	9687#	..
Morocco	..	..	..	..	..	..	17#	..	..	..
Norway	940	1116	1034	1133	..	722	673#	..	..	..
Peru	..	190	74	332	413#	357	..	..	..	..
Philippines	..	..	..	..	..	..	34#	..	..	..
Poland	15564	17307	17724	17218	18589#	18161	16245#	..	..	..
Republic of Korea	..	..	..	..	..	..	..	23000#	22968	27890#
Romania	..	..	..	..	..	..	..	..	13500#	..
Saudi Arabia	..	..	..	..	1750#	..	..	..	..	..
Sweden	2804	3116	3464	..	2206#	3500e	3749	4357#	3881#	4363#
Syrian Arab Republic ..	..	..	..	..	..	..	..	10#	..	..
Trinidad and Tobago	..	..	..	..	..	..	..	..	1020#	..
Tunisia	..	..	..	..	..	..	350#	203#	..	..
Turkey	2239	2620	4552	4436	3705	5736	7504#	6744#	8734#	7557#
United States	57203#	63050#	68450#	66049#	57513#	62425#	73602#	74757#	75333#	63585#
Venezuela	..	4294	4324	4823	5453#	5498	5086	4595#	4977#	6735#
Yugoslavia	5158	5480	..	..	6202	11466	4498	6220#	..	..
Zimbabwe	..	..	..	..	1142#	..	1024#	993#	1030#	841#

1 Reported consumption relates to domestic and imported ores in any form (ore, pellets, sinter) consumed in iron and steel plants, as well as ores consumed for non-metallurgical uses. Excluding as far as possible iron ore consumed in agglomeration plants.

19. IRON ORE: Reported consumption by product, 1991

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated		TOTAL
	Run of mine[1]	Lumps[2]	Fines[3]	Concentrates[4]	Pellet-feed[5]	Others	Total	Pellets[6]	Sinter[7]	
Colombia	-	348	-	-	-	-	348	-	357	705
EEC	..	..	..	..	..	..	**16,875**	**26,919**	**101,416**	**145,210**
Belgium	..	..	..	..	..	..	1,838	1,563	11,998	15,399
France	..	..	..	..	..	..	3,354	399	19,499	23,252
Germany	..	..	..	..	..	..	5,018	14,516	29,064	48,598
Italy	..	..	..	..	..	..	1,810	2,910	12,113	16,833
Luxembourg	..	..	..	..	..	..	244	-	4,438	4,682
Netherlands	..	..	..	..	..	..	74	3,608	3,797	7,479
Portugal	..	..	..	..	..	..	7	137	275	419
Spain	..	..	..	..	..	..	503	2,077	6,536	9,116
United Kingdom	..	..	..	..	..	..	4,027	1,709	13,696	19,432
Egypt	-	1,207	1,114	-	-	-	2,321	-	2,086	4,407
Finland	-	-	-	-	-	-	-	610	3,035	3,645
Japan	..	..	..	..	..	..	22,003	10,247	99,739	131,989
Republic of Korea	2,440	6,440	16,670	1,000	-	-	26,550	1,340	-	27,890
Sweden	-	177	1207	128	-	-	1,512	2,851	-	4,363
Turkey	-	1,505	-	-	-	-	1,505	1,814	4,238	7,557
Venezuela	-	1,870	4,865	-	-	-	6,735	-	-	6,735
Zimbabwe	-	681	-	-	-	-	681	-	159	840

1 Marketable unprepared iron ore with more than 20 per cent fines

2 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines

3 Marketable fine ore, usually below 10mm (or similar size)

4 Marketable product from a concentrate plant

5 Fine ore or concentrate very fine, usually below 0.1mm

6 Iron ore fines agglomerated into a rough ball shape typically 10mm

7 Agglomerated fines or concentrates and other iron-bearing materials

20. IRON ORE: Reported stocks[1]

(thousand tonnes)

Country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Algeria *(Total)*	..	..	..	..	..	**614#**	..	..	**805#**	**708#**
(producers)	..	..	..	..	..	..	..	597#	478#	..
(consumers)	..	..	..	..	..	..	..	208#	230#	..
Austria *(Total)*	..	..	..	**1623**	..	..	..	**1237#**	..	
(producers)	..	..	..	..	380#	..	..	219#	294#	..
(consumers)	..	..	..	..	1243#	..	..	..	943#	..
Bolivia (producers)	36234	35887	32245	..	..	..	..	3#	..	..
Brazil (producers)	**16833**	**12492**	**10213**	**11179**	**9927**	**6846**	1342#	..	..	6945#
Canada *(Total)*	12323	8322	5211	6796	5306	2449	**7489**	**8856**	..	..
(producers)	4510	4170	5002	4383	4621	4397	3156#	4388#	..	..
(consumers)	..	..	..	..	**2963**	..	4333#	4468#	..	..
Chile *(Total)*	..	..	..	..	1142#	1046#	..	..	..	..
(producers)	..	..	..	..	1821#	..	1095#	..	1062#	767#
(consumers)	..	..	..	..	..	..	.	..	..	..
EEC[2] *(Total)*	**26734**	**22578**	**19581**	**17955**	**21009**	**19536**	**17850**	**19249**	**17361**	..
(producers)	7584#	6656#	3641#	2346#	3742#	3040#	1972#	1573#	1620#	1429
(consumers)	19150#	15922#	15940#	15609#	17267#	16496#	15878#	17676	15741#	
Belgium (consumers)	1314#	1263#	1335#	1309#	1319#	1299#	1284#	1336#	1381#	1580#
France *(Total)*	**11503#**	**9619#**	**6507#**	**5450#**	**5304#**	**5328#**	**3636#**	**3635#**	**3665#**	..
(producers)	6377#	5553#	3020#	2194#	2036#	2060#	1069#	680#	1141#	976#
(consumers)	5126#	4066#	3487#	3256#	3268#	2856#	2567#	2955#	2524#	.
Germany *(Total)*	**5822#**	**4483#**	**4080#**	**3793#**	**4210#**	**3569#**	**3332#**	**3388#**	**3252#**	**3662#**
(producers)	986#	883#	621#	152#	209#	82#	22#	48#	44#	66#
(consumers)	4836#	3600#	3459#	3641#	4001#	3487#	3310#	3340#	3208#	3596#
Italy *(Total)*	**1764#**	**1548#**	**1812#**	**1902#**	**1976#**	**1809#**	**2118#**	**2569#**	**1976#**	
(producers)	221#	220#	0#	0#	0#	0#	0#	0#	0#	0#
(consumers)	1543#	1328#	1812#	1902#	1976#	1809#	2118#	2569#	1976#	..
Luxembourg (consumers)	1847#	1239#	1088#	1273#	1271#	1126#	961#	1017#	984#	..
Netherlands (consumers)	1236#	1110#	1217#	1312#	1411#	1463#	1347#	1365#	1227#	1513#
Portugal (consumers)	..	..	.	..	123#	138#	89#	192#	104#	95#
Spain *(Total)*	..	..	..	..	**2085**	**1686**	**1910**	**1896**	**1488**	..
(producers)	1329#	1259#	1855#	1370#	1497#	898#	881#	845#	435#	387#
(consumers)	..	..	..	..	588#	788#	1029#	1051#	1053#	..
United Kingdom (consumers)	3248#	3316#	3542#	2916#	3310#	3530#	3173#	3851#	3284#	2898#
Egypt *(Total)*	..	..	..	..	..	**513**	..	..	**1080**	**700#**
(producers)	..	..	.	..	.	455#	..	..	340#	200#
(consumers)	..	..	.	..	..	58#	..	..	740#	500#
Finland *(Total)*	..	..	.	..	**260**	..	..	..	..	**235**
(producers)	..	..	.	..	8#	..	..	..	..	-
(consumers)	..	..	.	..	252#	..	200#	260#	..	235#
Hungary (consumers)	..	..	.	..	..	..	227#	455#	320#	..
Iran,Islamic Rep. of *(Total)*	..	..	.	..	**260**	..	..	..	..	**1827**
(producers)	..	..	.	..	..	..	..	..	..	1189#
(consumers)	..	..	.	..	252#	..	..	..	..	638#
Japan	16522	15507	15934	15291	17494	14232	17118#	19171#	15263#	15902#
Liberia	..	..	..	..	..	2500	1800	..	..	..
Malaysia (producers)	..	..	..	..	..	..	22#	1#	..	..
Mauritania (producers)	..	..	..	..	..	342#	866#	1426#	381#	
Mexico *(Total)*	..	..	..	..	**3381**	..	..	**794**	**1366#**	..
(producers)	..	..	..	..	3294#	..	..	274#	619#	..
(consumers)	..	..	..	..	87#	..	..	520#	747#	..
Morocco (producers)	..	..	..	..	..	..	68#	..	67#	6#
Norway (producers)	..	..	..	..	..	..	..	751#	..	..
Peru (producers)	..	..	..	..	1280#	..	781#	..	502#	1189#
(consumers)	..	..	..	..	..	..	..	..	..	49#

20. IRON ORE: Reported stocks[1]
(concluded)

(thousand tonnes)

Country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Philippines (consumers)	..	..	..	..	..	..	4#	..	277#	..
Poland (consumers)	..	..	..	..	4432#	..	9365#	..	..	..
Republic of Korea ***(Total)***	..	..	..	..	..	..	..	***1410***	***1455***	***2200***
(producers)	68	85	90	102	111	..	..	10#	..	- #
(consumers)	..	..	.	..	..	..	..	1400#	..	2200#
Romania ***(Total)***	..	..	.	..	..	..	..	..	***243***	..
(producers)	..	..	..	..	..	..	..	..	174#	..
(consumers)	..	..	..	..	..	..	..	..	69#	..
Saudi Arabia (consumers)	..	..	..	230	..	..	..	..	..	..
Sweden ***(Total)***	..	..	..	..	..	..	..	..	..	..
(consumers)	..	..	..	..	1960#	..	..	..	..	..
(producers)	..	..	..	..	..	..	..	1752#	2002#	1879#
Turkey ***(Total)***	..	..	..	.	..	..	***3091***	***3926***	..	***2734***
(producers)	..	..	..	..	..	..	1793#	2310#	..	1329#
(consumers)	..	..	..	..	..	..	1298#	1616#	2326#	1405#
United States ***(Total)***	***48567***	***33315***	***32739***	***29858***	***22551***	***22877***	***20182***	***25900***	***22977***	***28400***
(producers)	16387	7125	7453	7071	5113	6312	3296	4575	4795#	7807
(consumers)	30402	25902	24401	21631	17438	16565	16886	21325	18182#	20593#
Venezuela (producers)	..	..	..	..	..	2033#	2845#	1184#	2011#	1670#
Yugoslavia ***(Total)***						***542***	***1917#***	..	..	
(producers)	..	..	..	..	..	..	259#	79#	..	..
(consumers)	..	..	.	..	..	..	283#	1838#	..	..
Zimbabwe ***(Total)***	..	..	..	..	***5327***	..	***4782***	***5848***	***6045***	***7124***
(producers)	..	..	..	..	3854#	..	4130#	4789#	5091#	5614#
(consumers)	..	..	..	..	1473#	..	652#	1059#	954#	1510#

1 Reported stocks: Inventories at the end of calendar year (31st december) held by producers at mines, plants or loading docks, or by consumers at iron, steel or sinter plants, as well as in receiving docks

2 EEC total: EUR 10(1981-1984), as of 1985 EUR 12. Ireland, Greece and Denmark are not concerned

21.A IRON ORE: Reported stocks by products (producers), 1991

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated	
	Run of mine[1]	Lumps[2]	Fines[3]	Concentrates[4]	Pellet-feed[5]	Others	Total	Pellets[6]	Sinter[7]
Algeria	478	-	-	-	-	-	478	-	-
Brazil	-	4565	..	..	..	..	6945	-	-
Chile	-	266	119	-	270	-	655	112	-
EEC	..	..	..	..	..	..	**1,429**	-	-
France	..	..	..	..	..	..	976	-	-
Germany	..	..	..	..	..	..	66	-	-
Spain	..	..	..	..	..	..	387	-	-
Egypt	-	110	90	-	-	-	200	-	-
Iran, Islamic Rep. of	900	52	237	-	-	-	1,189	-	-
Morocco	-	-	-	4	-	2	6	-	-
Mauritania	8	234	71	68	-	-	381	-	-
Peru	-	-	68	614	257	-	939	250	-
Sweden	-	273	972	19	-	-	1,264	616	-
Turkey	740	269	210	83	-	-	1,302	27	-
Venezuela	-	1,094	576	-	-	-	1,670	-	-
Zimbabwe	-	214	5,400	-	-	-	5,614	-	-

21.B IRON ORE : Reported stocks by products (consumers), 1991

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated	
	Run of mine[1]	Lumps[2]	Fines[3]	Concentrates[4]	Pellet-feed[5]	Others	Total	Pellets[6]	Sinter[7]
EEC	..	..	..	..	..	..	..	..	..
Belgium	..	..	..	..	..	..	1,191	64	325
France	..	..	..	..	..	..	..	..	..
Germany	..	..	..	..	..	..	2,561	622	413
Italy	..	..	..	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..	..	-	..
Netherlands	..	..	..	..	..	..	1,309	137	67
Portugal	..	..	..	..	..	..	55	32	8
Spain	..	..	..	..	..	..	..	..	..
United Kingdom	..	..	..	..	..	..	2,420	265	213
Egypt	-	260	240	-	-	-	500	-	-
Finland	-	-	-	220	-	-	220	15	-
Iran, Islamic Rep. of	-	21	54	521	42	-	638	-	-
Japan	..	..	..	..	..	..	13,208	991	1,699
Republic of Korea	170	420	1,260	220	-	-	2,070	130	-
Turkey	521	461	200	126	-	-	1,308	97	-
Zimbabwe	37	111	1362	-	-	-	1510	-	-

1 Marketable unprepared iron ore with more than 20 per cent fines.

2 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines.

3 Marketable fine ore, usually below 10mm (or similar size).

4 Marketable product from a concentrate plant.

5 Fine ore or concentrate very fine, usually below 0.1mm.

6 Iron ore fines agglomerated into a rough ball shape typically 10mm.

7 Agglomerated fines or concentrates and other iron bearing materials.

22. PIG IRON:[1] Production

(thousand tonnes)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**473503**	**461947**	**491307**	**499052**	**496065**	**508180**	**537545**	**545090**	**532123**	**507358**
DEVELOPED MARKET ECONOMY COUNTRIES	**228233**	**224056**	**245268**	**246423**	**228447**	**231930**	**253547**	**257710**	**249980**	**243259**
AMERICA	**47289**	**52775**	**56730**	**55429**	**49121**	**53636**	**60059**	**60818**	**57173**	**52391**
Canada	8000	8567	9643	9665	9249	9719	9498#	10139#	7346	8268
United States	39289	44208	47087	45764	39872	43917	50561	50677	49827#	44123#
EUROPE	**90571**	**88085**	**97275**	**99780**	**93012**	**92989**	**102386#**	**104135#**	**100302**	**98358**
EEC	*83226*	*80250*	*88679*	*91079*	*84601*	*84752*	*93681#*	*95134#*	*91775*	*89775*
Belgium-Luxembourg	10420	10388	11779	11501	10724	10559	11701#	11607#	12082	11839
France	15047	13770	14719	15067	13714	13236	14786#	15071#	14414	13646
Germany	27621	26598	30203	31531	28592	28119	32453#	32777#	30098	30989
Greece	350	125	125	125E	-	-	- #	-	-	-
Italy	11626	10362	11628	11658	11898	11372	11376#	11788#	11882	10856
Netherlands	3618	3747	4926	4819	4628	4574	4994#	5163#	4960	4696
Portugal	214	364	474	519	422	430	445#	377#	340	251
Spain	5998	5419	5338	5477	4811	4804	4691#	5535#	5682	5404
United Kingdom	8332	9477	9487	10382	9812	11658	13235#	12816#	12319	12094
EFTA	*7345*	*7835*	*8596*	*8701*	*8411*	*8237*	*8705*	*9001*	*8525*	*8583*
Austria	3114	3320	3745	3704	3349	3417	3664	3823#	3452#	3441#
Finland	1944	1898	2034	1901	1978	2064	2180#	2300#	2283	2330#
Norway	475	596	549	606	570	371	367#	240#	54	-
Sweden	1780	2011	2214	2424	2435	2315	2494	2638#	2736#	2812#
Switzerland	32	10	54	66	79	70	-	-	-	-
SOUTH AFRICA	**6762**	**5215**	**5531**	**5038**	**5774**	**6317**	**6171**	**6513**	**6234**	**6968**
ASIA	**77655**	**72936**	**80403**	**80569**	**74651**	**73419**	**79221**	**80196**	**80144**	**79909**
Japan	77655	72936	80403	80569	74651	73419	79221#	80196#	80144#	79909#
OCEANIA	**5956**	**5045**	**5329**	**5607**	**5889**	**5569**	**5710**	**6050**	**6127**	**5633**
Australia	5956#	5045#	5329#	5607#	5889#	5569#	5710#	6050#	6127	5633
DEVELOPING COUNTRIES AND TERRITORIES	**46218**	**48408**	**54499**	**58460**	**61838**	**65450**	**71746**	**74742**	**74069**	**78212**
AFRICA	**2714**	**2517**	**2787**	**3166**	**3259**	**3293**	**3099**	**3080**	**3055**	**3000**
Algeria	1059	1113	1150	1400	1400	1499	1500	1300#	1300E	1200E
Egypt	1080	898	962	950	1066	1071#	1112	1100E	1068#	1149#
Tunisia	97	147	150	142	149	163	128	155	148	162
Zimbabwe	478	359#	525#	674	644	560	359#	525#	539	489#
AMERICA	**16692**	**18482**	**23189**	**25225**	**27151**	**28199**	**30295**	**31454**	**28153**	**28243**
Argentina	1015	909	893	1309	1639	1775	1596#	2169#	1918	1437
Brazil	11054	12945	17230	18961	20163	21121#	23222#	24381	21141	22530#
Chile	455	540	596	575	592	613	778	679	675	726
Colombia	207	268	271	247	319	326	370#	297	323	304
Mexico	3598	3538	3869	3530	3728	3712#	3678#	3230#	3665#	3039
Peru	161#	113#	4#	163#	216#	178#	166#	209	117	207#
Venezuela	202	169	326	440	494	474	485#	489#	314#	-
ASIA	**24110**	**24567**	**25668**	**26980**	**28365**	**31091**	**35436**	**37306**	**40548**	**45703**
India	9640	9162	9464	9835	10514	10923	11724#	12080#	12644	14176
Indonesia	240	250	250E	250E	-	-	-	- #	-	-
Iran,Islamic Rep.of	220	240	250E	250E	250E	250E	250E	250E	1267	1952#
Malaysia	220	230	200E	200E	200E	200E	- #	-	-	-
Pakistan	450	490	550	803	895	905	905	910E	920E	910E
Philippines	20	22	20	20E	20E	20E	20E	-	-	-
Republic of Korea	8440	8024	8763	8833	9003	11057	12578	14840#	15390#	18500#
Taiwan Province of China	2695	3415	3288	3429	3740	3658	5487#	5708#	5491	5561
Thailand	6	10	10	10	10E	10E	10E	10E	10E	10
Turkey	2179#	2724#	2873#	3350#	3733#	4068#	4462#	3508#	4826#	4594#
EUROPE	**2702**	**2842**	**2855**	**3089**	**3063**	**2867**	**2916**	**2902**	**2313**	**1266**
Yugoslavia	2702	2842#	2855	3089#	3063	2867	2916#	2902#	2313#	1266

22. PIG IRON:[1] Production

(thousand tonnes)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
COUNTRIES IN EASTERN EUROPE	**160017**	**146603**	**145728**	**144579**	**149340**	**149850**	**149312**	**148538**	**139568**	**112723**
Bulgaria	1560	1635	1583	1712	1605	1657	1484	1484	1143	1100E
Czechoslovakia	9500	9466	9561	9562	9573	9788	9706	9911#	9667	8479
Germany (former German Dem. Rep.)	2149	2207	2357	2578	2738	2755	2786	2732	2159	-
Hungary	2200	2059	2150	2102	2061	2109	2000#	1951	1708	1311
Poland	8300	8190	9627	9436	10194	10121	9837#	9488	8352	6355
Romania	8637	12593	9557	9212	9329	9500E	8941#	9051#	6355#	4525#
USSR (former)	127671	110453	110893	109977	113840	113920	114558#	113921#	110184#	90953
SOCIALIST COUNTRIES OF ASIA	**39035**	**42880**	**45812**	**49590**	**56440**	**60930**	**62940**	**64100**	**68506**	**73164**
China	35535	37380	40062	43840	50640	55030	57040	58200	62606	67164
Democratic People's Rep. of Korea	3500	5500	5750	5750	5800	5900E	5900E	5900E	5900E	6000E

1 Pig iron: primary iron produced from iron ore in blast furnaces

23. SPONGE IRON (DRI):[1] Production

(thousand tonnes)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**7283**	**7797**	**9192**	**10988**	**12654**	**13630**	**13872**	**15501**	**17258**	**19202**
DEVELOPED MARKET ECONOMY COUNTRIES	**1180**	**870**	**1180**	**1560**	**2070**	**1980**	**2060**	**2189**	**2292**	**2232**
AMERICA	**570**	**540**	**620**	**880**	**850**	**940**	**1060**	**996**	**1122**	**970**
Canada	500	540	500	740	690	730	770#	705	732	560
United States	70	-	120	140	160	210	290	291	390#	410#
EUROPE	**350**	**90**	**120**	**100**	**170**	**200**	**270**	**353**	**310**	**362**
EEC	*320*	*70*	*100*	*100*	*170*	*200*	*270*	*353*	*310*	*260*
Germany	320	70	100	100	170	200	270	353	310	260
EFTA	*30*	*20*	*20*	-	-	-	-	-	-	*102*
Sweden	30	20	20	-	-	-	-	-	-	102#
SOUTH AFRICA	**100**	**80**	**270**	**410**	**790**	**840**	**730**	**840**	**860**	**900**
OCEANIA	**160**	**160**	**170**	**170**	**260**	-	-	-	-	-
New Zealand	160	160	170	170	260	-	-	-	-	-
DEVELOPING COUNTRIES AND TERRITORIES	**6103**	**6907**	**7642**	**9008**	**9834**	**10390**	**10132**	**11612**	**13276**	**15270**
AFRICA	**80**	**160**	**150**	**220**	**140**	**610**	**902**	**1040**	**1331**	**1520**
Egypt	-	-	-	-	30	470	770	817	710	620
Libyan Arab Jamahiriya	-	-	-	-	-	-	-	90	500	790
Nigeria	80	160	150	220	110	140	132#	133	121	110
AMERICA	**5083**	**5397**	**5392**	**5638**	**5976**	**6453**	**5938**	**6357**	**7016**	**8226**
Argentina	890	950	910	990	950	1040	1067#	1166#	1035	960
Brazil	230	250	250	290	300	200	195#	239	280	226#
Mexico	1510	1500	1450	1454	1370	1551#	1686#	2163#	2525#	2490
Peru	43#	27#	62#	44#	56#	52#	49#	50	30	24#
Trinidad and Tobago	240	280	240	220	380	490	593	695	800#	710
Venezuela	2170	2390	2480	2640	2920	3120	2348#	2044#	2346#	3816#
ASIA	**940**	**1350**	**2100**	**3150**	**3718**	**3327**	**3292**	**4215**	**4929**	**5524**
India	30	40	80	90	148#	177#	195#	360	750	1180
Indonesia	440	570	740	1000	1300	1030	980	1210#	1410	1430
Iran,Islamic Rep.of	-	-	-	30	-	-	-	40	300	584
Iraq	-	-	-	-	-	-	100	200	170	-
Malaysia	-	-	40	520	580	590	427#	644	620	620
Myanmar(Union of)	10	-	10	30	30	20	20	20	20	20
Qatar	450	390	500	490	490	470	495	534	574	570
Saudi Arabia	10	350	730	990	1170	1040	1075	1207	1085	1120
COUNTRIES OF EASTERN EUROPE	-	**20**	**370**	**420**	**750**	**1260**	**1680**	**1700**	**1690**	**1700**
USSR	-	20	370	420	750	1260	1680	1700	1690	1700

1 Sponge iron or DRI: primary iron produced through direct reduction, without exceeding the melting temperature

24. METALLICS: Reported consumption,[1] 1988-1991

(thousand tonnes)

Country or area	Pig iron				Sponge iron				Ferrous scrap[2]			
	1988	1989	1990	1991	1988	1989	1990	1991	1988	1989	1990	1991
Argentina	1,710	2,068	1,898	..	998	1,067	1,002	..	1,315	1,274	1,190	..
Australia	5,680	6,050	..	..	-	-	..	..	-	-	..	..
Brazil	19,173	17,878	16,848	19,970	195	259	263	226	7,675	8,032	6,505	5,714
Canada	9,827	10,128	..	..	-	-	..	..	7,476	7,790	..	..
Colombia	302	298	332	..	-	-	-	..	562	571	379	..
Egypt	1,071	..	..	1,201	-	..	..	..	322	..	..	316
Finland	2,190	..	..	2,330	-	-	-	-	440	850	..	545
Greece	19	16	..	..	-	-	..	..	1,077	1,071	..	..
Hungary	2,373	100	..	..	-	-	..	..	1,750	1,494	..	..
India	9,877	..	..	..	31	..	.	..	2,355	..	..	..
Iran,Islamic Rep. of	..	..	..	1,774	..	..	..	469	..	..	..	320
Indonesia	..	125	..	..	..	1,286	..	..	..	923	..	..
Japan	79,941	80,448	81,442	81,395	-	-	-	-	42,975	45,872	48,244	46,969
Malta	..	0	..	..	-	-	..	..	..	-	..	..
Malaysia	18	..	..	..	-	..	..	..	1	..	..	..
Mexico	3,703	3,271	3,711	..	1,686	2,290	2,527	..	..	2,720	3,448	..
Nigeria	-	-	..	..	960	..	..	..	212	..	..	..
Norway	359	..	..	..	-	..	..	..	618	..	..	..
Peru	..	..	..	192	..	..	..	18	..	..	..	35
Philippines	18	..	-	..	34	-	-	..	233	..	..	..
Poland	10,373	..	..	..	-	..	..	..	8,977	..	..	..
Republic of Korea	..	15,290	15,940	18,690	-	-	-	-	..	1,580	1,960	810
Spain	..	..	..	5,660	..	..	..	49	..	..	..	8,966
Sweden	..	2,620	2,746	2,845	..	-	-	-	2,964	2,589	2,394	2,095
Syrian Arab Republic	..	..	-	..	..	..	-	..	..	..	80	..
Turkey	4,938	3,928	4,327	6,880	1	24	19	38	4,200	5,098	5,500	5,450
United States	..	..	..	43,991	..	..	..	..	51,737	63,763	63,601	45,450
USSR(former)	..	..	..	..	1,080	..	..	..	95,400	95,000	..	..
Venezuela	485	489	309	26	..	2,341	2,603	2,229	..	489	736	745
Yugoslavia	..	2,650	..	..	-	-	-	-	2,127	2,417	..	..
Zimbabwe	358	518	..	440	-	-	-	-	-	115	..	..

1 Reported consumption in iron and steel works

2 Ferrous scrap high in Fe used by the steel industry

25. METALLICS: Reported exports, 1988-1991

(thousand tonnes)

Country or area	Pig Iron				Sponge iron				Ferrous scrap			
	1988	1989	1990	1991	1988	1989	1990	1991	1988	1989	1990	1991
Argentina	..	0	..	..	..	..	..	..	..	0	..	..
Australia	25	..	..	..	-	..	..	..	1,000	..	..	..
Brazil	2,533	2,989	3,488	2,560	-	-	-	..	0	..	..	..
Bulgaria	-	-	7	..	-	-	-	..	-	-	-	..
Canada	355	..	..	4	3	..	..	-	1,679	..	..	..
Cuba	-	-	-	..	-	-	-	..	-	86	..	..
Czechoslovakia	200	-	..	..	-	-	..	..	328	60	..	..
France	100	-	..	..	-	-	..	..	3,700	..	..	3,442
Germany	400	-	..	..	-	-	..	..	4,600	..	..	7,251
Hungary	-	45	..	..	-	-	..	..	150	112	..	..
Italy	35	24	..	..	-	-	..	..	..	4	..	..
Japan	43	25	25	-	-	-	-	-	416	587	396	362
Malaysia	-	0	..	..	-	397	..	..	-	24	..	..
Morocco	..	..	..	0	..	..	..	-	..	..	..	5
Netherlands	..	..	..	..	..	..	..	..	2,600	..	..	..
Nigeria	-	..	..	..	13	..	..	..	-	..	..	..
Norway	31	52	50	58	-	-	0	0	1	1	0	4
Sri Lanka	..	-	..	..	..	-	..	..	..	40	..	..
Spain	..	..	..	0	..	..	..	-	..	..	..	25
South Africa	700	..	..	..	..	..	..	..	..	..	..	..
Sweden	..	13	5	9	..	3	4	5	..	142	122	237
Turkey	89	0	18	193	-	0	-	-	6	4	7	10
United Kingdom	..	..	..	..	..	..	..	..	3,600	..	..	3,215
United States	65	..	14	16	..	..	6	5	9,160	11,078	11,580	9,345
USSR(former)	6,141	6,517	6,276	..	-	..	..	..	3,230	2,727	1,294	..
of which: Latvia	..	..	..	..	..	..	..	..	..	..	..	60
Venezuela	-	-	-	-	127	659	857	678	277	1,330	1,729	15
Yugoslavia	8	..	..	..	-	..	..	..	400	..	..	..

26. METALLICS : Reported imports, 1988-1991

(thousand tonnes)

Country or area	Pig Iron				Sponge iron				Ferrous scrap			
	1988	1989	1990	1991	1988	1989	1990	1991	1988	1989	1990	1991
Argentina	111	2	..	..	313	-	..	..	-	11	..	..
Australia	9	..	..	..	-	..	..	..	2	..	..	..
Brazil	-	..	..	..	-	..	..	..	87	..	..	..
Bulgaria	400	-	309	35	-	-	-	-	-	-	-	-
Canada	9	..	..	..	2	..	..	..	1,186	..	..	..
Colombia	-	-	32	..	-	-	-	..	-	-	28	..
Cuba	-	240	-	..	-	-	-	-	-	-	-	-
Cyprus	..	..	1	..	..	..	..	-	-	-	-	
Czechoslovakia	675	673	..	..	12	-	..	..	11	13	..	..
Finland	-	-	..	..	-	-	..	..	100	60	..	..
Germany (former German Democratic Rep.)	..	1,321	..	..	..	11	..	..	-	-	..	..
Greece	..	24	..	..	..	3	..	..	-	-	-	..
Hungary	250	345	..	..	-	-	..	..	-	-	..	..
Italy	700	..	..	..	-	-	..	..	5,100	-	..	..
Indonesia	80	-	..	..	-	76	..	..	585	703	1,178	..
Japan	2,917	2,288	3,283	3,375	-	-	-	-	1,791	1,157	1,048	821
Latvia	..	..	..	88	..	..	..	-	..	..	..	98
Malaysia	46	66	110	..	-	0	-	-	..	488	718	734
Malta	..	0	..	..	-	-	..	..	..	-	..	..
Norway	2	4	5	5	-	2	0	19	160	-	0	0
Philippines	77	56	63	..	(HBI)15	..	..	..	109	152	64	..
Poland	1,281	1,199	1,263	..	-	-	-	..	-	-	-	..
Republic of Korea	801	590	230	150	-	-	-	-	..	520	525	690
Spain	..	..	..	212	..	-	-	105	4,500	..	..	4,259
Sweden	60	45	42	29	..	-	-	-	800	624	247	165
Syrian Arab Republic	..	..	..	..	..	..	..	..	..	..	30	..
Trinidad and Tobago	..	..	..	..	..	..	..	..	..	..	12	..
Turkey	144	179	148	240	1	24	19	38	2,699	4,422	3,671	4,443
United States	..	443	347	435	..	226	334	380	900	1,016	1,309	1,073
Venezuela	-	-	-	-	216	304	426	216	-	122	135	46
Yugoslavia	38	110	-	..	-	-	..	..	700	19	-	..

27. CRUDE STEEL:[1] Production

(thousand tonnes)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
WORLD	**645067**	**662514**	**711085**	**718824**	**713246**	**735028**	**778271**	**784720**	**767059**	**730365**
DEVELOPED MARKET ECONOMY COUNTRIES	**331364**	**335719**	**367214**	**365016**	**341762**	**348851**	**378425**	**383019**	**377412**	**368729**
AMERICA	**79520**	**89593**	**98639**	**94704**	**88113**	**95643**	**105515**	**104310**	**101199**	**92725**
Canada	11865	12832	14699	14637	14081	14737	14866#	15458#	12281	12987
United States	67655#	76761#	83940#	80067#	74032#	80876#	90649#	88852#	88918#	79738#
EUROPE	**137264**	**135979**	**148584**	**149619**	**139219**	**139239**	**151461#**	**153651#**	**149660**	**149930**
EEC	*125082*	*123231*	*134482*	*135694*	*125714*	*125958*	*137426#*	*139578#*	*136572*	*137503*
Belgium-Luxembourg	13502	13450	15287	14628	13420	13085	14883#	14687#	14953	14710
Denmark	560	493	548	528	632	605	650#	624#	609	632
France	18417	17582	19005	18815	17670	17432	18598#	18692#	19021	18401
Germany[2]	35880	35729	39389	40497	37134	36248	41023#	41073#	38434	42169
Greece	933	868	972#	1007#	1010	908	959#	956#	999	980
Ireland	61	141	166	203	208	220	271#	324#	326	293
Italy	24003	21811	24062	23898	22985	22819	23762#	25216#	25472	25084
Netherlands	4354	4477	5738	5519	5283	5082	5518#	5681#	5412	5174
Portugal	507	685	697	684	721	732	811#	761#	746	577
Spain	13160	13009	13497	14193	11882	11691	11886#	12765#	12705	12932#
United Kingdom	13705	14986	15121	15722	14769	17136	19065#	18799#	17895	16551
EFTA	*12182*	*12748*	*14102*	*13925*	*13505*	*13281*	*14035*	*14073*	*13088*	*12427*
Austria	4258	4411	4868	4663	4292	4301	4560#	4718#	4291#	4186
Finland	2420	2416	2634	2518	2586	2668	2798#	2921#	2861	2600#
Norway	768	876	916	944	836	851	910#	678#	376#	438#
Sweden	3900	4210	4706	4813	4716	4595	4779	4692#	4455#	4248#
Switzerland	836	835	978	987	1075	866	988	1064	1105	955
SOUTH AFRICA	**8320**	**7004**	**7732**	**8507**	**9055**	**8836**	**8709**	**9567**	**8738**	**9358**
ASIA	**99637**	**97252**	**105676**	**105381**	**98385**	**98629**	**105780**	**108009**	**110466**	**109769**
Israel	87	83	92	100	110	116	99	100	135	120
Japan	99550	97169	105584	105281	98275	98513	105681#	107909#	110331	109649#
OCEANIA	**6623**	**5891**	**6583**	**6805**	**6990**	**6534**	**6960**	**7482**	**7349**	**6947**
Australia	6371#	5657#	6303#	6578#	6703#	6125#	6400#	6800#	6630#	6141
New Zealand	252	234	280	227	287	409	560	682	719	806
DEVELOPING COUNTRIES AND TERRITORIES	**67531**	**71630**	**79843**	**86491**	**91027**	**98799**	**109377**	**114342**	**113163**	**118432**
AFRICA	**2867**	**3000**	**2900**	**3715**	**3512**	**3961**	**4410E**	**4130**	**2775**	**2812**
Algeria	868	950	1080	1414	1450	1533	1412	1042	836	830
Egypt	1074	979	928	1028	1013	1433	2025	2011	881#	1077#
Morocco	5	4	4	5E	6E	5E	5E	5E	5E	5E
Nigeria	90	182	229	321	134#	137#	139#	213#	220	114
Tunisia	107	163	166	160	181	188	162	197	184	200
Zimbabwe	538	647	423	731	674	597	602	592#	579	526#
Other Africa	185	75	70	56E	54	68	65E	70	70	60
AMERICA	**27065**	**28944**	**33465**	**36031**	**37651**	**39488**	**42154**	**42527**	**38742**	**38617**
Argentina	2900	2942	2647	2939	3242#	3603#	3624#	3893#	3657	2992
Bolivia	5	5	5	5E	5E	- E	- #	-	-	-
Brazil	13000	14671	18385	20454	21228#	22228#	24657#	25017	20582	22617#
Chile	492	618	692	689	706	720	899	813	773	805
Colombia	422	482	507	530	632	690	712	706	710	664
Costa Rica	5	-	-	-	-	-	-	-	-	-
Cuba	301	354	338	408	411	402	363	432#	340#	300E
Dominican Republic	5	-	-	- E	-	-	-	-	-	-
Mexico	7060	6917	7482	7299	7225#	7642#	7779#	7851#	8726#	7883
Peru	272	299	337	368	358#	400#	463#	397	284	235#
Trinidad and Tobago	219	210	172	164	331	388	363	347	380#	444
Uruguay	20	46	41	39	31	30	30	37	38	44
Venezuela	2278	2320	2770	3055	3402	3297#	3165#	2942#	3177	2557#
Other America	95	80	109	101	100	118	139	112	95	96

1 Crude steel: raw form of steel measured at the first stage of solidification, except for liquid steel casting.

2 For 1991, unified territory of Germany.

27. CRUDE STEEL[1] : Production
(concluded)

(thousand tonnes)

Region country or area	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
ASIA	**33740**	**35552**	**39226**	**42245**	**45325**	**50953**	**58286**	**63163**	**68018**	**74486**
Bangladesh	78	58	88	122	116	120	120	120E	120E	120E
Hong Kong	80	120	120	120E	120E	120E	120E	150E	150E	150
India	10237	10237	10549	11936	12197	13121	14309	14608	14963	16394
Indonesia	693	983	1171	1374	1729	2059	1850	2303#	2892	3000E
Iran,Islamic Republic of	550	734	854	836	838	839	978	1081	1425	2203#
Malaysia	215	350	350	400	450	600	700	800	900	900E
Pakistan	120	300	750	750	900	1000	1200	1200E	1200E	1200E
Philippines	370	200	250	250	209#	261#	252#	400E	400E	350E
Qatar	495	469	478	533	507	492	527	585	571	564
Republic of Korea	11758	11915	13034	13540	14555	16782	19118	21873	23126	26150
Saudi Arabia	150	275	842	1106	1100	1365	1614	1810	1833	1783
Singapore	359	305	362	365	390	441	432	495	489	510
Syrian Arab Republic	400	100	100	70E	70E	60E	60E	30#	70#	70E
Taiwan Province of China	4152	5031	5241	5306	5545	5915	8288	9047	9747	10957
Thailand	244	381	447	425	450	534	535	550E	600E	600E
Turkey	3183#	3834#	4330#	4862#	5927#	7044#	7983#	7901#	9322#	9335#
United Arab Emirates	150	50	50	50E	50E	40E	40E	40E	40E	30E
Other Asia	506	210	210	200	172	160	160	170	170	170
EUROPE	**3850**	**4134**	**4232**	**4480**	**4519**	**4367**	**4487**	**4502**	**3608**	**2497**
Yugoslavia	3850#	4134#	4232#	4480#	4519#	4367#	4487#	4502#	3608#	2497
COUNTRIES IN EASTERN EUROPE	**203552**	**210025**	**214253**	**214023**	**221649**	**224368**	**224208**	**219099**	**203135**	**165768**
Bulgaria	2580	2825	2878	2926	2898	3044	2880	2899	2180#	1615#
Czechoslovakia	15000	15024	14831	15036	15112	15416	15379#	15465#	14813	12071
Germany (former German Dem.Rep.)	7250	7219	7573	7840	7967	8243	8133	7829	5587	-
Hungary	3720	3617	3751	3647	3715	3622	3580#	3305	2962	1862
Poland	14794	16236	16553	16126	17144	17146	16885#	15094	13553	10439
Romania	13055	12593	14437	13795	14276	14962	14314#	14415#	9754#	7115#
USSR (former)	147153	152511	154230	154653	160537	161935	163037#	160092#	154286#	132666
of which:										
Latvia	..	..	..	..	..	..	..	..	..	373#
Ukraine	..	..	..	..	..	..	..	..	52646#	44995#
SOCIALIST COUNTRIES OF ASIA	**42620**	**45140**	**49775**	**53294**	**58808**	**63010**	**66261**	**68260**	**73349**	**77436**
China	37000	39040	43475	46794	52208	56280	59431	61430	66349	70436
Democratic People's Rep. of Korea	5500	6100	6300	6500	6600	6730	6830	6830	7000	7000
Viet Nam	120	-	-	-	-	-	-	-	-	-

1 Crude steel: raw form of steel measured at the first stage of solidification, except for liquid steel casting.

2 The statistical series for the former German Democratic Republic stops in 1990. This should be taken into account for the comparison of the total of countries in eastern Europe which will be lower and the total in the EEC which will be higher.

Annex. Iron ore questionnaire

Replies

Country or area	Date of reply	A		B				C	D			E	
		A.1	A.2	B.1	B.2	B.3	B.4		D.1	D.2	D.3	E.1	E.2
Australia	14 July 92	#	#	-	-	-	-	-	#	#	#	#	#
Austria	25 May 92	#	#	-	#	-	-	-	-	#	-	-	-
Bolivia	3 June 92	#	-	-	-	-	-	-	-	-	-	-	-
Brazil	9 June 92	#	#	#	#	#	-	#	#	-	#	#	-
Bulgaria	24 April 92	#	-	-	-	-	-	-	#	#	#	-	-
Canada	23 April 92	#	-	#	-	-	-	-	#	#	#	-	-
Chile	9 May 92	#	-	-	-	-	-	#	#	-	-	-	-
Colombia	7 June 92	#	#	#	#	#	#	#	-	#	#	-	-
EEC	25 May 92	#	#	#	#	#	-	#	#	#	#	-	-
Egypt	3 March 92	#	#	#	#	#	#	#	-	-	-	-	-
Finland	6 April 92	-	#	#	#	#	-	#	-	#	#	-	-
Iran	5 April 92	#	#	-	-	#	#	#	-	#	#	#	-
Japan	3 June 92	-	#	#	#	#	-	#	-	#	-	-	-
Latvia	2 April 92	-	-	-	-	-	-	-	-	-	-	-	-
Mauritania	11 May 92	#	-	-	-	-	-	#	#	-	-	#	-
Morocco	3 April 92	#	-	-	-	-	-	#	#	-	#	-	-
Norway	1 April 92	#	-	-	-	-	-	-	#	#	#	-	-
Peru	31 March 92	#	#	#	#	#	-	#	#	-	-	-	-
Republic of Korea	22 April 92	#	-	#	#	#	-	#	#	#	#	-	-
Spain	11 May 92	#	-	#	-	#	-	#	#	#	#	-	-
Sweden	1 April 92	#	#	#	#	#	#	#	#	#	#	-	#
Thailand	17 June 92	-	-	-	-	-	-	-	-	-	-	-	-
Tunisia	17 February 92	#	-	-	-	-	-	-	#	-	-	-	-
Turkey	27 May 92	#	#	#	#	#	#	#	-	#	#	-	-
United States	28 April 92	#	#	#	#	#	-	#	#	#	#	-	#
Ukraine	20 May 92	#	#	-	-	-	-	-	-	-	-	-	-
Venezuela	11 May 92	#	-	#	-	-	-	#	#	-	-	#	-

CONTENTS: Iron ore

A. Production and production capacity

A.1. Iron production by products

A.2. Production of agglomerates by iron and steel producers

B. Consumption

B.1. Iron ore consumption by products

B.2. Iron ore consumption by source

B.3. Iron ore consumption in metallurgical uses

B.4. Iron ore consumption in non-metallurgical uses

C. Stocks

D. International Trade

D.1. Volume of exports by destination and product type

D.2. Volume of imports by origin and product type

D.3. Value of exports and/or imports

E. Production Capacity

E.1. Planned additions

E.2. Planned reductions

Note:
Burkina Faso, Benin, Costa Rica, Côte d'Ivoire, Guyana , Mozambique, Namibia, Rwanda, Zambia replied to the questionnaire but have no iron ore or steel industry.

Annex. Iron ore questionnaire

Replies (*concluded*)

Country or area	Date of reply	F.1			F.2	F.3			G.1			G.2	H		
		F.1.1	F.1.2	F1.3		F3.1	F3.2	F3.3	G1.1	G1.2	G1.3		H.1	H.2	H.3
Australia	14 July 92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Austria	25 May 92	#	-	-	-	#	#	-	-	-	-	-	-	-	-
Bolivia	3 June 92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	9 June 92	#	#	#	#	#	#	#	#	#	#	-	#	-	#
Bulgaria	24 April 92	-	-	-	-	#	-	-	-	-	-	-	#	#	#
Canada	23 April 92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chile	9 May 92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	7 June 92	#	#	-	-	#	#	#	#	-	#	#	#	#	#
EEC	25 May 92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	3 March 92	#	-	#	-	#	#	#	#	-	#	#	-	-	-
Finland	6 April 92	#	-	#	-	#	#	#	#	-	#	#	-	-	-
Iran	5 April 92	#	#	#	-	#	#	#	#	#	#	#	-	-	-
Japan	3 June 92	#	-	#	-	#	#	#	-	-	#	#	#	#	-
Mauritania	11 May 92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	3 April 92	-	-	#	-	#	#	#	#	-	#	-	#	#	-
Morocco	4 April 92	-	-	#	-	-	-	-	-	-	-	-	#	-	#
Norway	1 April 92	#	-	-	#	#	-	-	-	-	-	-	#	#	#
Peru	31 March 92	#	#	#	-	#	#	#	#	#	#	#	-	-	-
Republic of Korea	22 April 92	#	-	#	-	#	#	#	#	-	#	#	-	#	#
Spain	11 May 92	#	-	-	-	#	#	#	#	#	#	#	#	#	-
Sweden	26 March 92	#	#	#	#	#	#	#	#	#	#	-	#	#	#
Thailand	17 June 92	-	-	-	-	-	-	-	-	-	-	-	#	#	#
Tunisia	17 February 92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Turkey	28 April 92	#	#	-	-	#	-	#	#	#	#	#	#	#	#
United States	3 April 92	#	#	#	#	#	-	#	-	-	#	-	-	-	-
Ukraine	20 May 92	-	-	-	-	#	#	#	-	-	-	-	-	-	-
Venezuela	11 May 92	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Zimbabwe	7 April 92	#	-	#	-	#	#	#	#	-	#	#	-	-	-

CONTENTS : Iron and Crude steel

F.1. Production of Metallics

F.1.1. Pig iron

F.1.2. Sponge iron or DRI

F.1.3. Ferrous scrap generation

F.2. Production of ferro-alloys

F.3. Crude steel production

F.3.1. By process

F.3.2. By utilization

F.3.3. Share of continuous casting

G.1. Consumption of metallics

G.1.1. Pig iron

G.1.2. Sponge iron or DRI

G.1.3. Ferrous scrap

G.2. Average consumption of metallics per ton of steel output

H. International trade in metallics

H.1 Volume of exports of metallics by destination

H.2. Volume of imports of metallics by origin

H.3. Value of exports and/or imports of metallics

Note:
Burkina Faso, Benin, Costa Rica, Côte d'Ivoire, Guyana , Mozambique, Namibia, Rwanda, Zambia replied to the questionnaire but have no iron ore or steel industry.